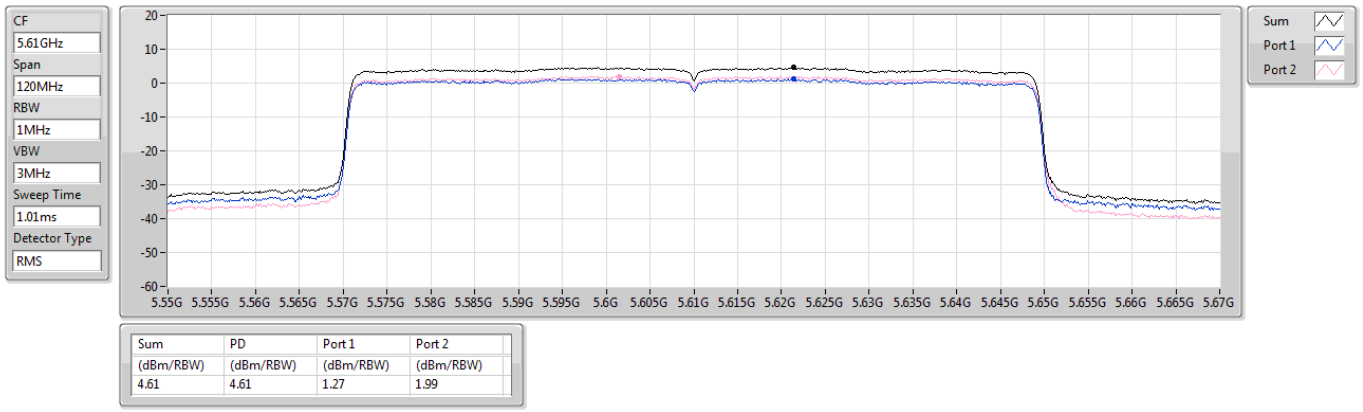
5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

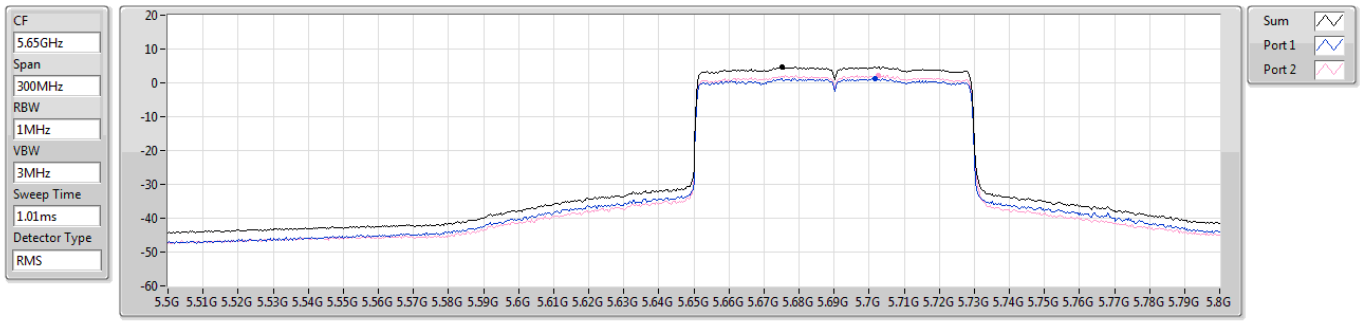
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.61	4.61	1.27	1.99

5.47-5.725GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

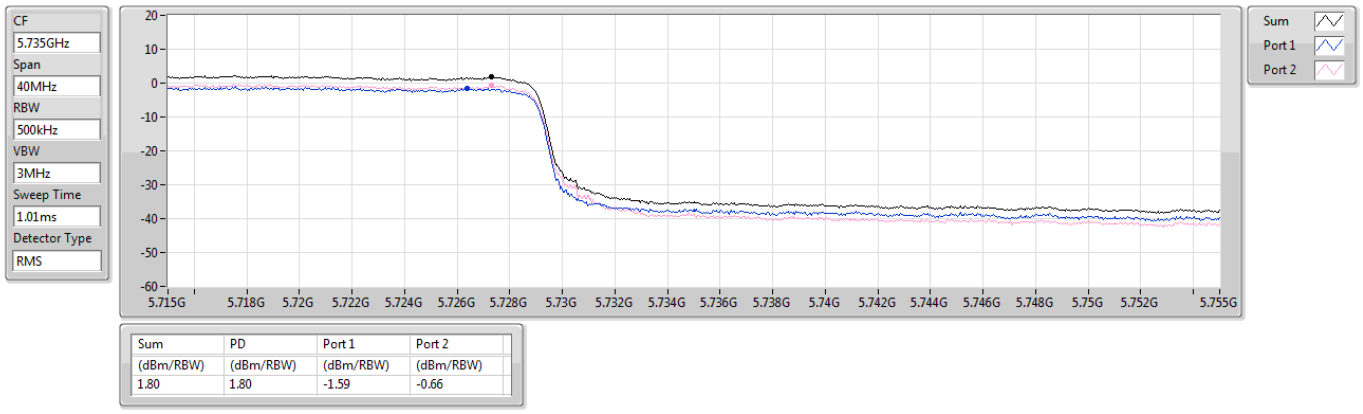
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.67	4.67	1.30	2.18

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

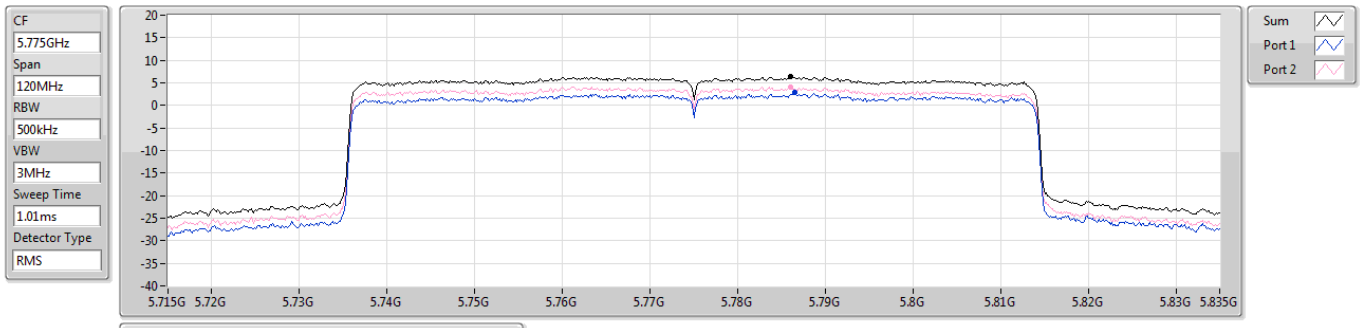
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.80	1.80	-1.59	-0.66

5.725-5.85GHz_802.11ax HEW80_Nss1,(MCS0)_2TX **PSD**

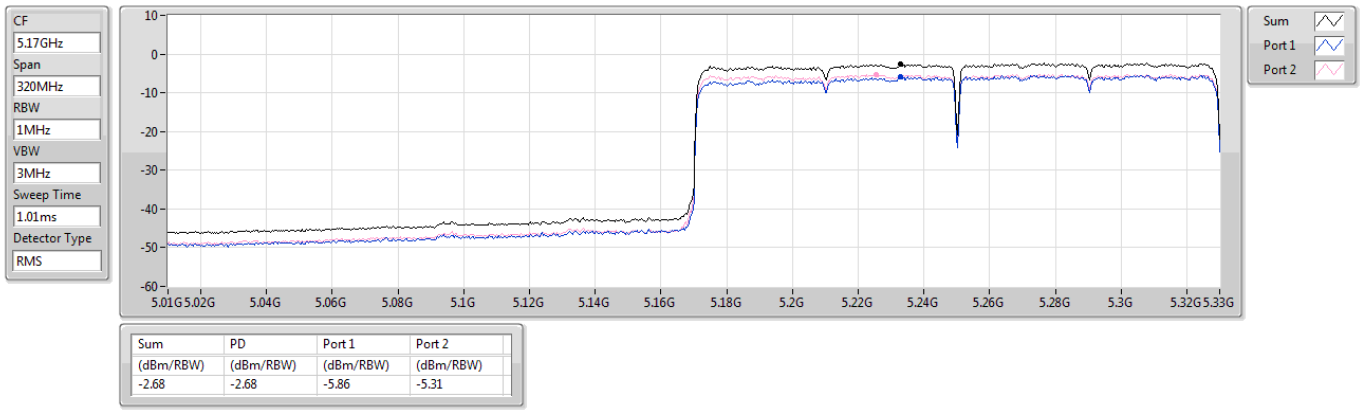
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
6.35	6.35	2.82	4.13

5.15-5.25GHz_802.11ax HEW160_Nss1,(MCS0)_2TX **PSD**

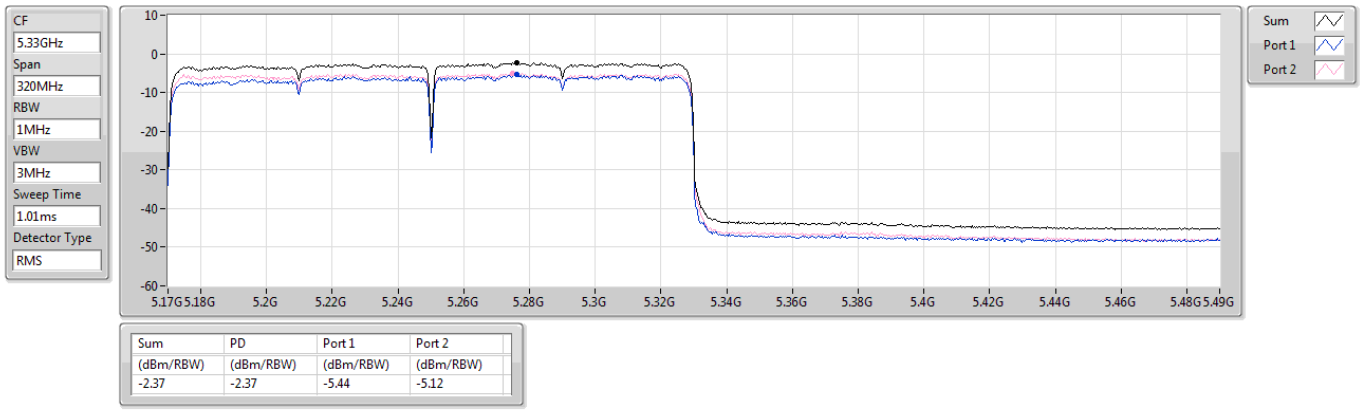
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.68	-2.68	-5.86	-5.31

5.25-5.35GHz_802.11ax HEW160_Nss1,(MCS0)_2TX **PSD**

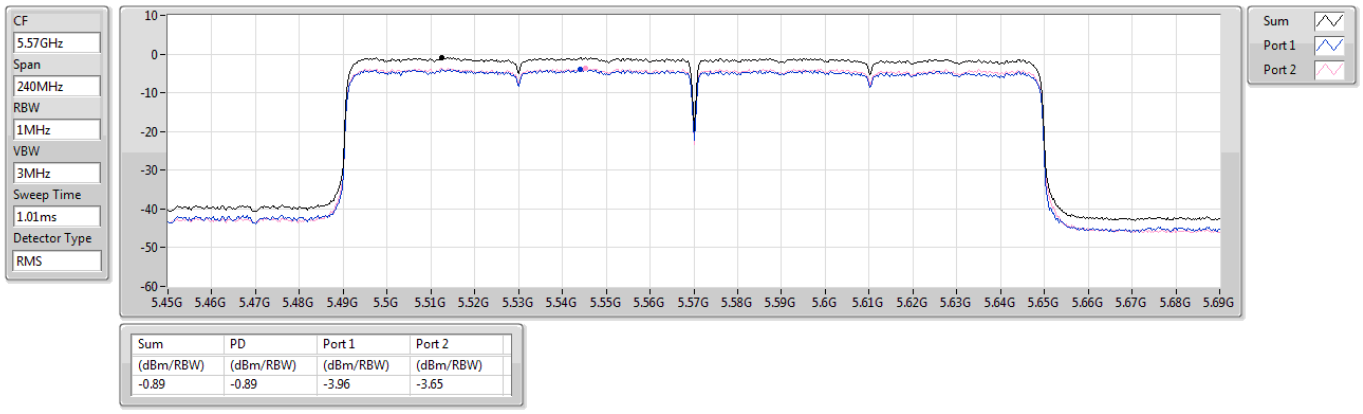
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-2.37	-2.37	-5.44	-5.12

5.47-5.725GHz_802.11ax HEW160_Nss1,(MCS0)_2TX **PSD**

5570MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-0.89	-0.89	-3.96	-3.65

Beamforming mode

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	14.03	19.35
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	10.17	15.49
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	0.98	6.30
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	-5.35	-0.03
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	10.89	16.21
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	8.25	13.57
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	1.09	6.41
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	-4.75	0.57
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	10.80	16.06
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	8.12	13.38
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	4.57	9.83
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	-4.29	0.97
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	13.89	19.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	11.68	16.79
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	4.88	9.99

RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;

Result

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5180MHz	Pass	5.32	7.24	6.68	9.90	17.00	15.22	23.00
5200MHz	Pass	5.32	10.46	9.73	13.07	17.00	18.39	23.00
5240MHz	Pass	5.32	11.53	10.95	14.03	17.00	19.35	23.00
5260MHz	Pass	5.32	8.20	7.92	10.88	11.00	16.20	17.00
5300MHz	Pass	5.32	8.24	7.67	10.89	11.00	16.21	17.00
5320MHz	Pass	5.32	7.63	7.66	10.51	11.00	15.83	17.00
5500MHz	Pass	5.26	7.38	6.89	10.04	11.00	15.30	17.00
5580MHz	Pass	5.26	8.25	7.65	10.80	11.00	16.06	17.00
5700MHz	Pass	5.26	5.10	5.85	8.34	11.00	13.60	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	5.26	7.85	7.70	10.57	11.00	15.83	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	5.11	6.30	5.81	8.85	30.00	13.96	36.00
5745MHz	Pass	5.11	11.00	11.44	13.89	30.00	19.00	36.00
5785MHz	Pass	5.11	10.74	11.75	13.77	30.00	18.88	36.00
5825MHz	Pass	5.11	10.84	11.39	13.67	30.00	18.78	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5190MHz	Pass	5.32	2.17	2.40	4.99	17.00	10.31	23.00
5230MHz	Pass	5.32	8.01	6.65	10.17	17.00	15.49	23.00
5270MHz	Pass	5.32	5.99	4.91	8.25	11.00	13.57	17.00
5310MHz	Pass	5.32	0.83	1.32	3.85	11.00	9.17	17.00
5510MHz	Pass	5.26	3.30	3.16	5.97	11.00	11.23	17.00
5590MHz	Pass	5.26	5.57	4.85	8.12	11.00	13.38	17.00
5670MHz	Pass	5.26	5.15	4.76	7.77	11.00	13.03	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	5.26	5.12	4.80	7.76	11.00	13.02	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	5.11	3.16	2.46	5.70	30.00	10.81	36.00
5755MHz	Pass	5.11	7.50	9.87	11.68	30.00	16.79	36.00
5795MHz	Pass	5.11	7.74	8.84	11.04	30.00	16.15	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5210MHz	Pass	5.32	-1.32	-1.35	0.98	17.00	6.30	23.00
5290MHz	Pass	5.32	-1.22	-2.04	1.09	11.00	6.41	17.00
5530MHz	Pass	5.26	-1.02	-0.99	1.81	11.00	7.07	17.00
5610MHz	Pass	5.26	1.89	1.37	4.51	11.00	9.77	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	5.26	2.13	1.45	4.57	11.00	9.83	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	5.11	-0.38	-1.16	2.07	30.00	7.18	36.00
5775MHz	Pass	5.11	2.11	2.52	4.88	30.00	9.99	36.00
802.11ax HEW160-BF_Nss1,(MCS0)_2TX-OFDMA	-	-	-	-	-	-	-	-
5250MHz Straddle 5.15-5.25GHz	Pass	5.32	-7.51	-7.61	-5.35	17.00	-0.03	23.00
5250MHz Straddle 5.25-5.35GHz	Pass	5.32	-6.93	-7.36	-4.75	11.00	0.57	17.00

Mode	Result	DG (dBi)	Port 1 (dBm/RBW)	Port 2 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
5570MHz	Pass	5.26	-6.81	-6.74	-4.29	11.00	0.97	17.00

DG = Directional Gain; RBW = 500kHz for 5.725-5.85GHz band / 1MHz for other band;
PD = trace bin-by-bin of each transmits port summing can be performed maximum power density; Port X = Port X Power Density;

Note:
For 5180~5240MHz

Directional gain = 10 x $\log((10^{2/20}+10^{2.6/20})^2/2)$ = 5.32 dBi

For 5260~5320MHz

Directional gain = 10 x $\log((10^{2/20}+10^{2.6/20})^2/2)$ = 5.32 dBi

For 5500~5750MHz:

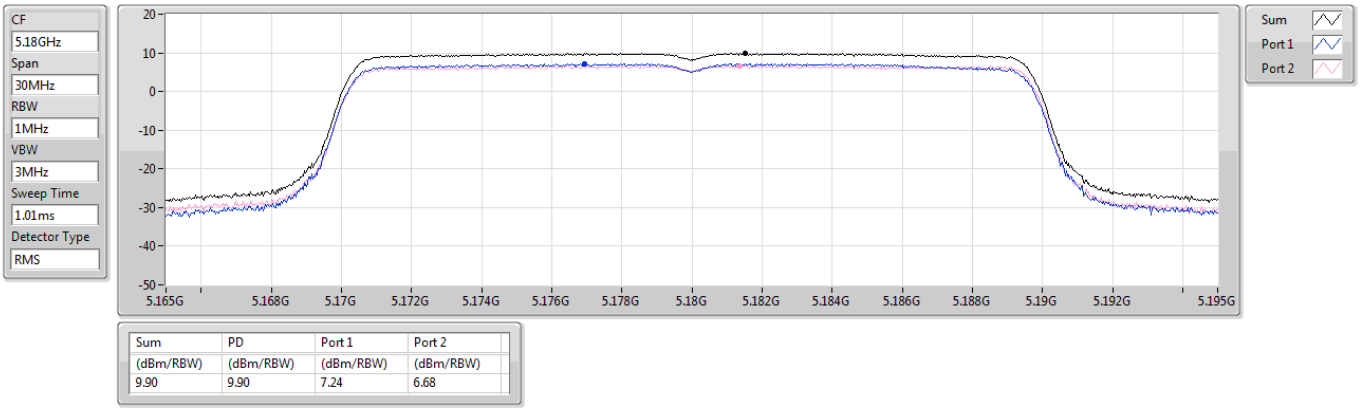
Directional gain = 10 x $\log((10^{2.3/20}+10^{2.2/20})^2/2)$ = 5.26 dBi

For 5745~5825MHz:

Directional gain = 2.1+10* log(2/1) = 5.11 dBi

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

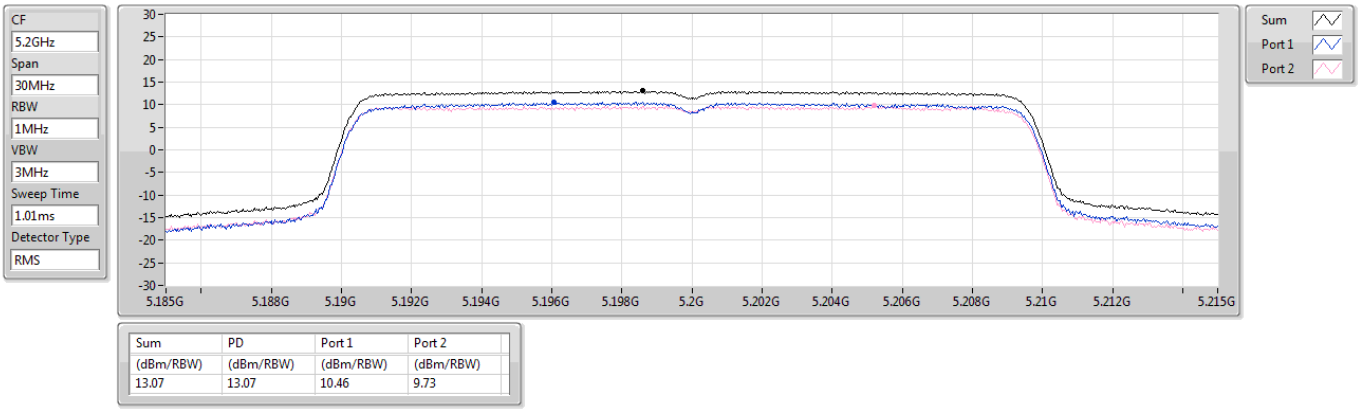
5180MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
9.90	9.90	7.24	6.68

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

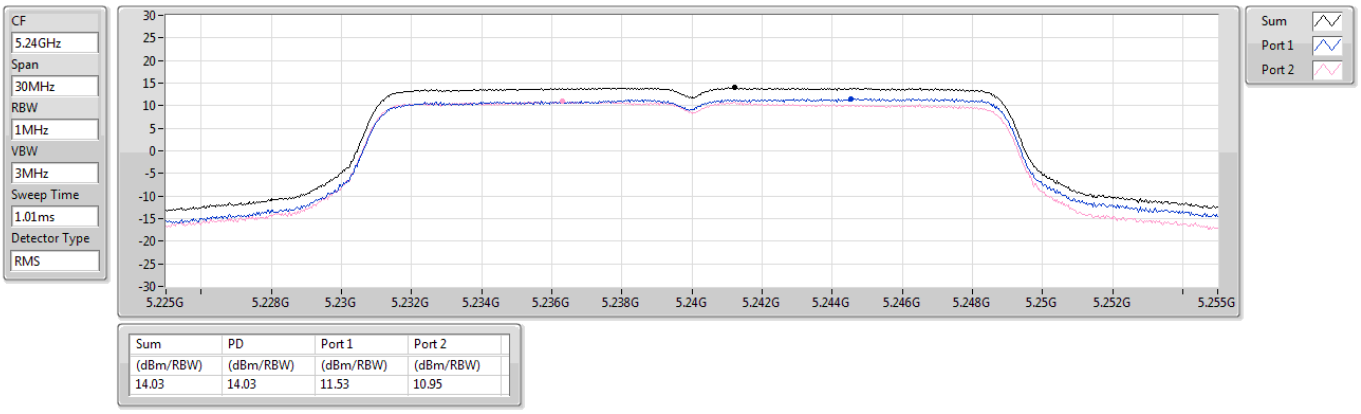
5200MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.07	13.07	10.46	9.73

5.15-5.25GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

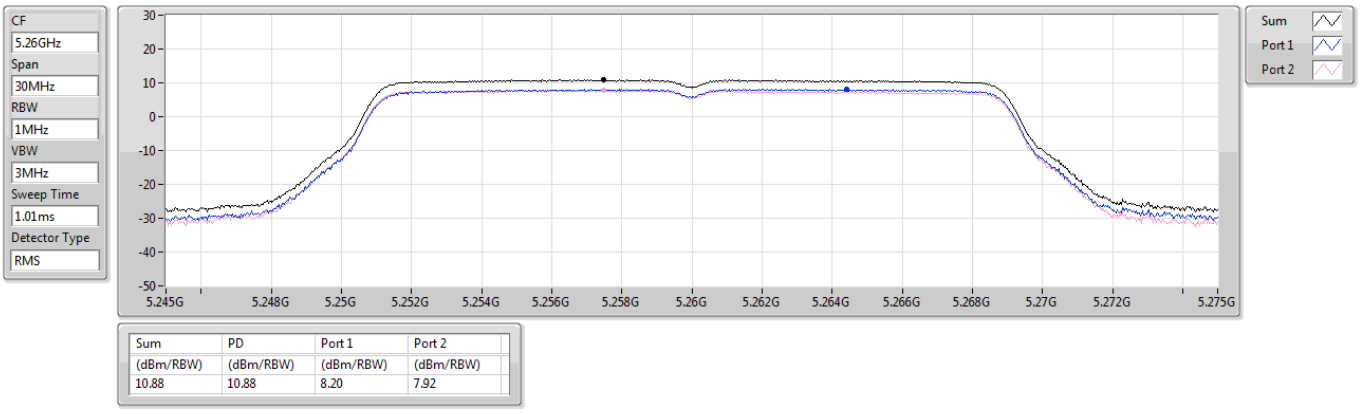
5240MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
14.03	14.03	11.53	10.95

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

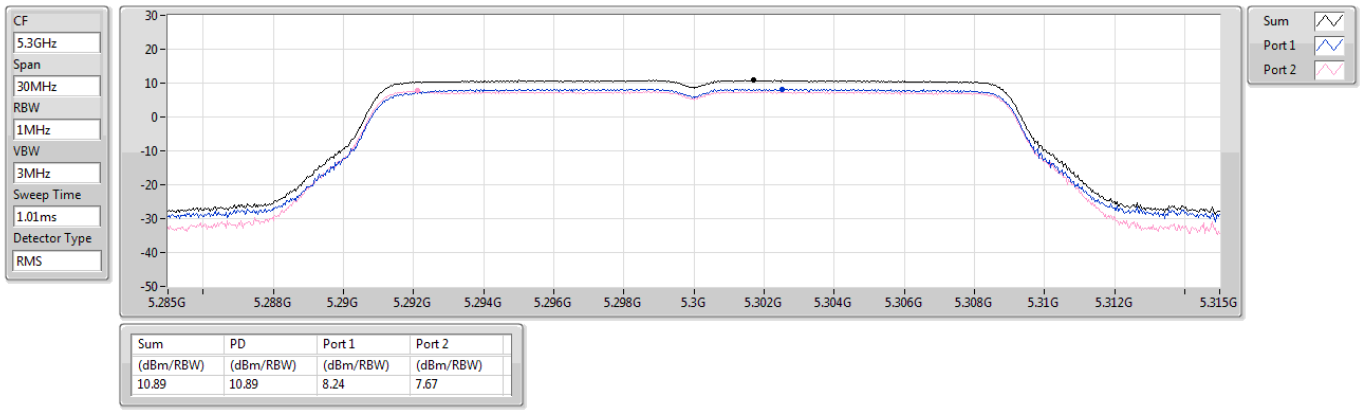
5260MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.88	10.88	8.20	7.92

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

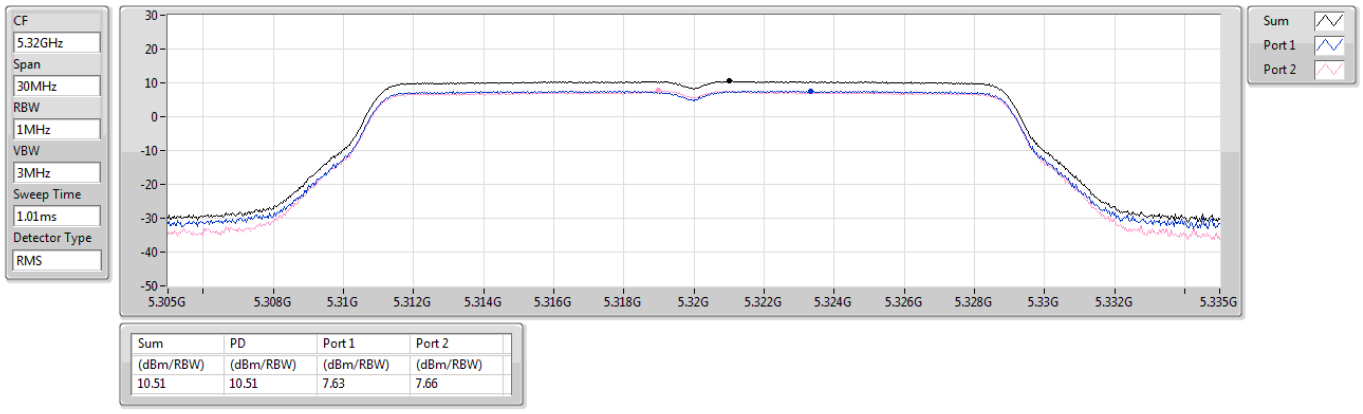
5300MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.89	10.89	8.24	7.67

5.25-5.35GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

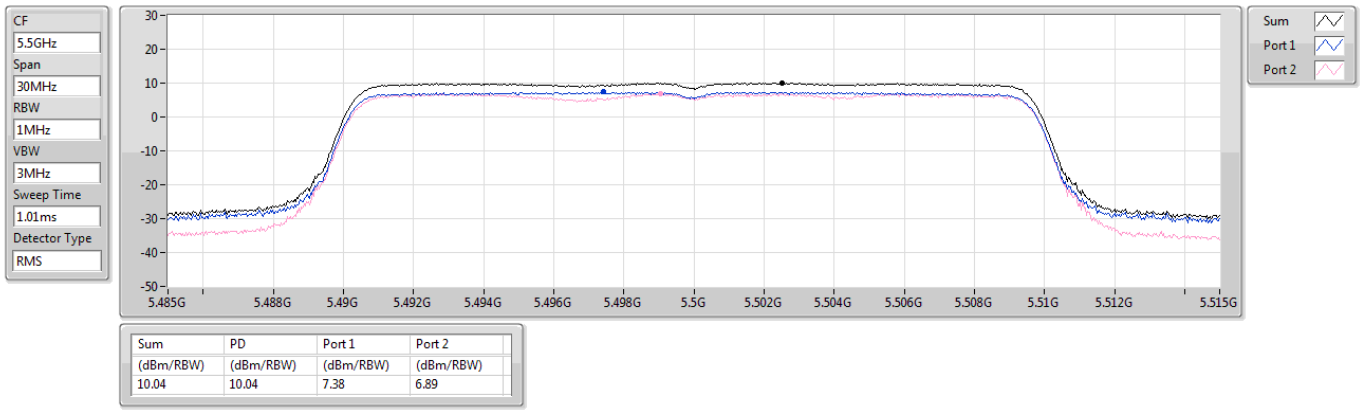
5320MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.51	10.51	7.63	7.66

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

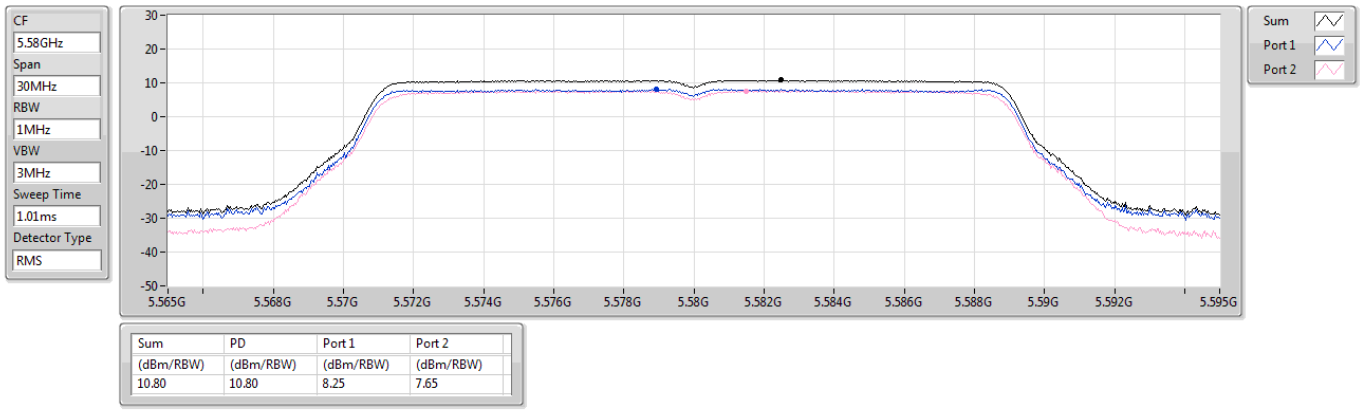
5500MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.04	10.04	7.38	6.89

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

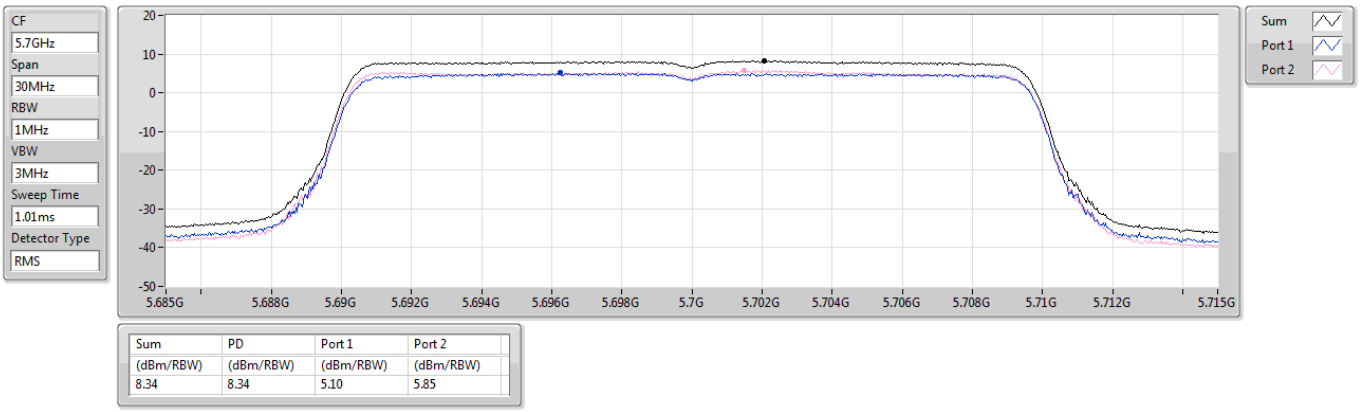
5580MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.80	10.80	8.25	7.65

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

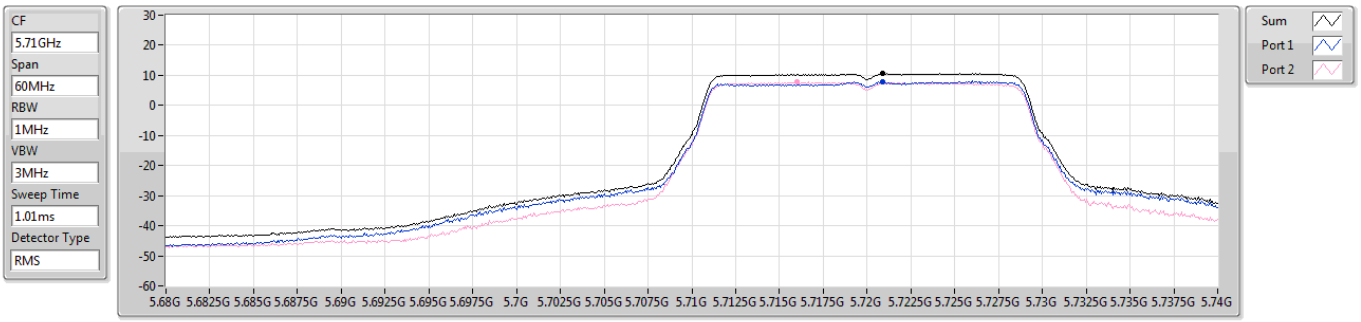
5700MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.34	8.34	5.10	5.85

5.47-5.725GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

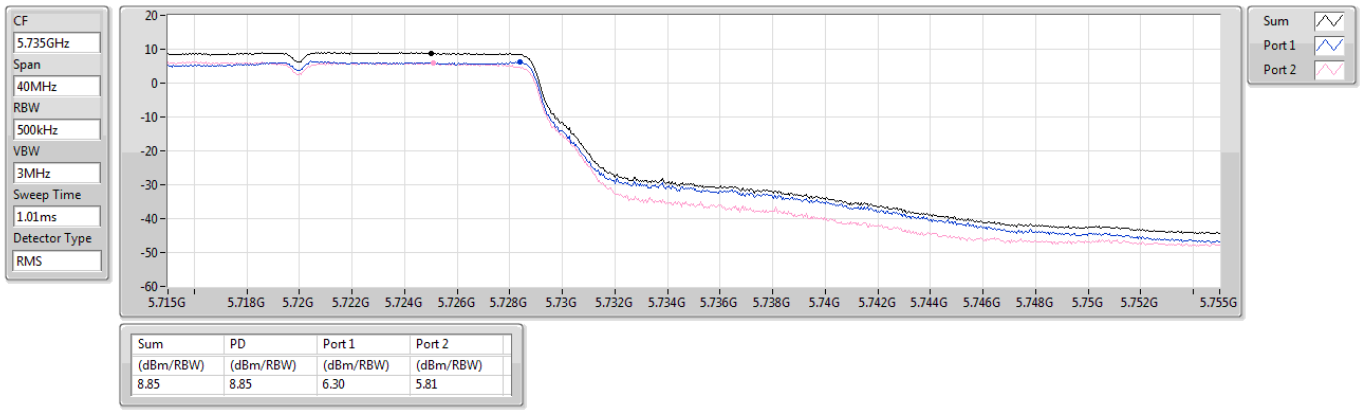
5720MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.57	10.57	7.85	7.70

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

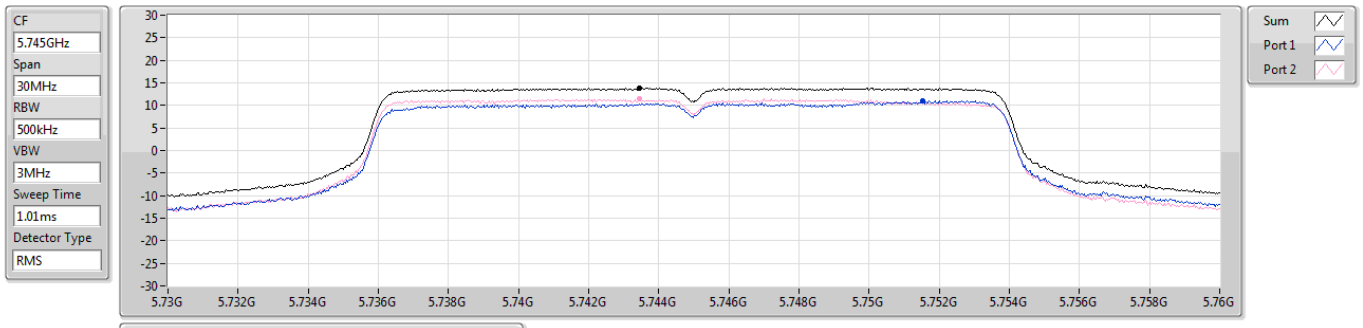
5720MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.85	8.85	6.30	5.81

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

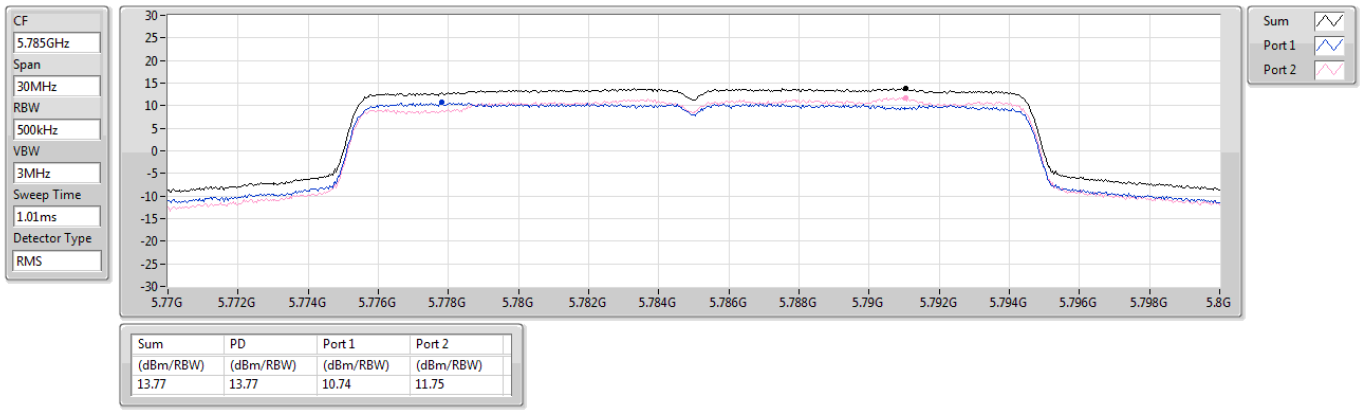
5745MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.89	13.89	11.00	11.44

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

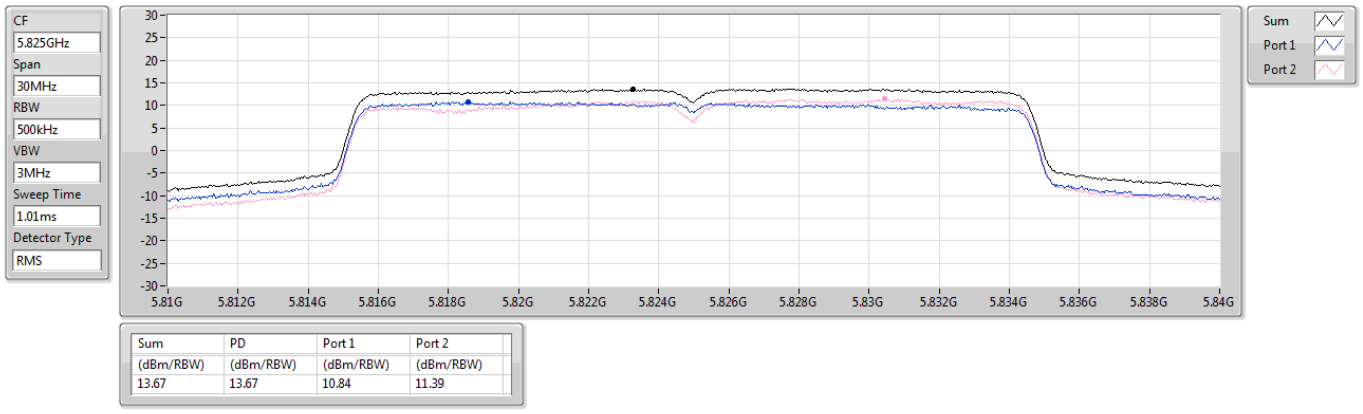
5785MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.77	13.77	10.74	11.75

5.725-5.85GHz_802.11ax HEW20-BF_Nss1,(MCS0)_2TX **PSD**

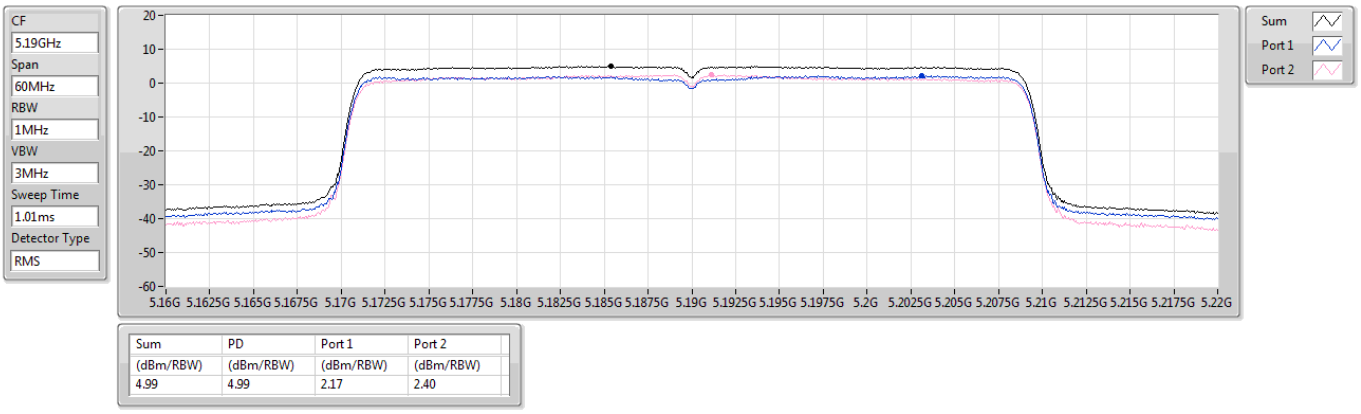
5825MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
13.67	13.67	10.84	11.39

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

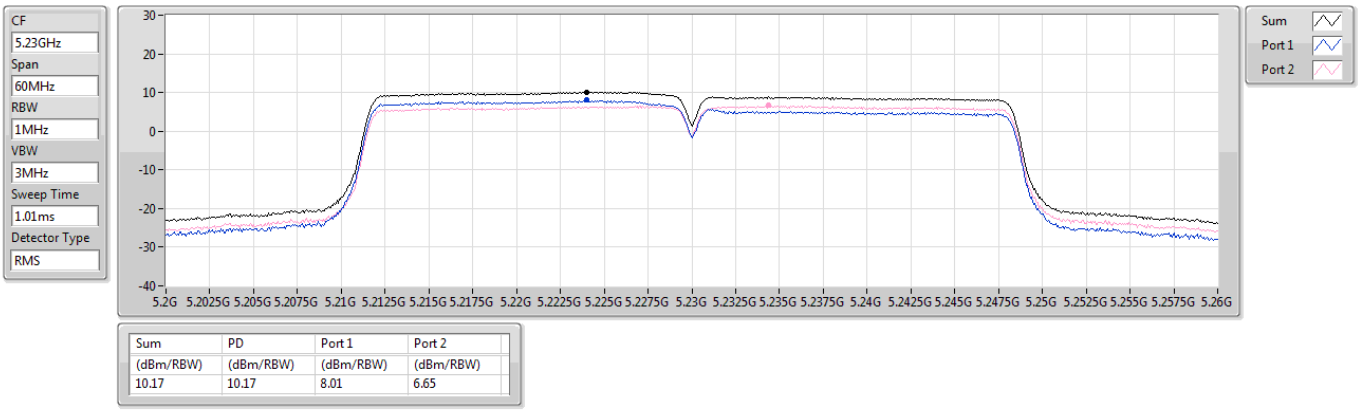
5190MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.99	4.99	2.17	2.40

5.15-5.25GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

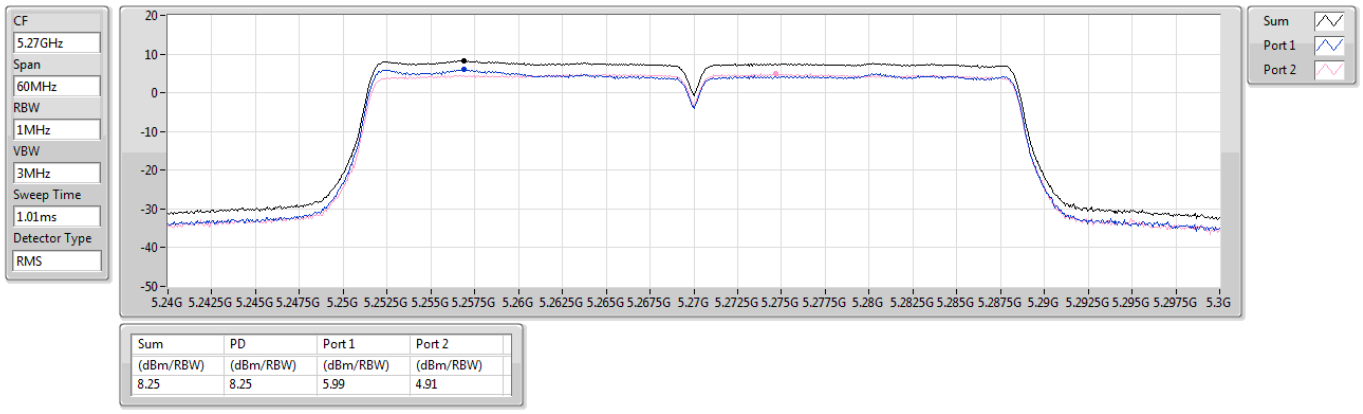
5230MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
10.17	10.17	8.01	6.65

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

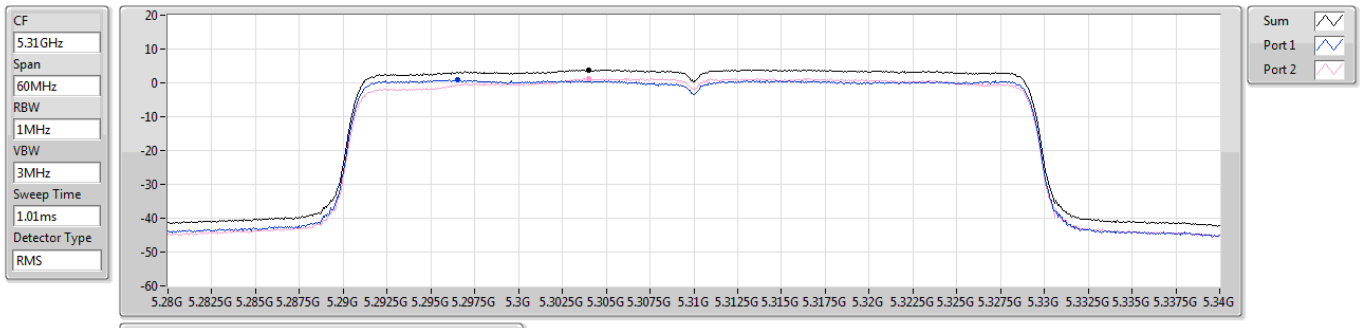
5270MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.25	8.25	5.99	4.91

5.25-5.35GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

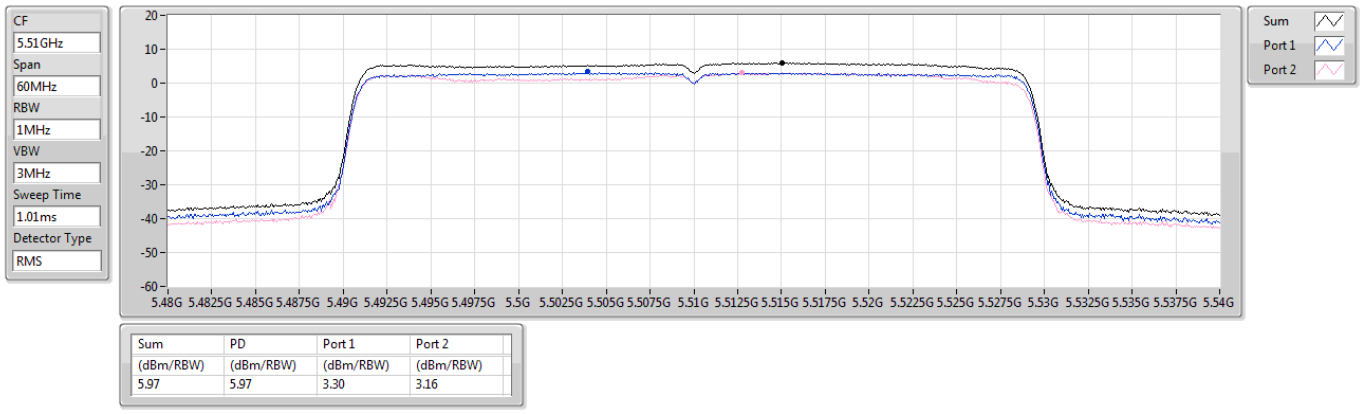
5310MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
3.85	3.85	0.83	1.32

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

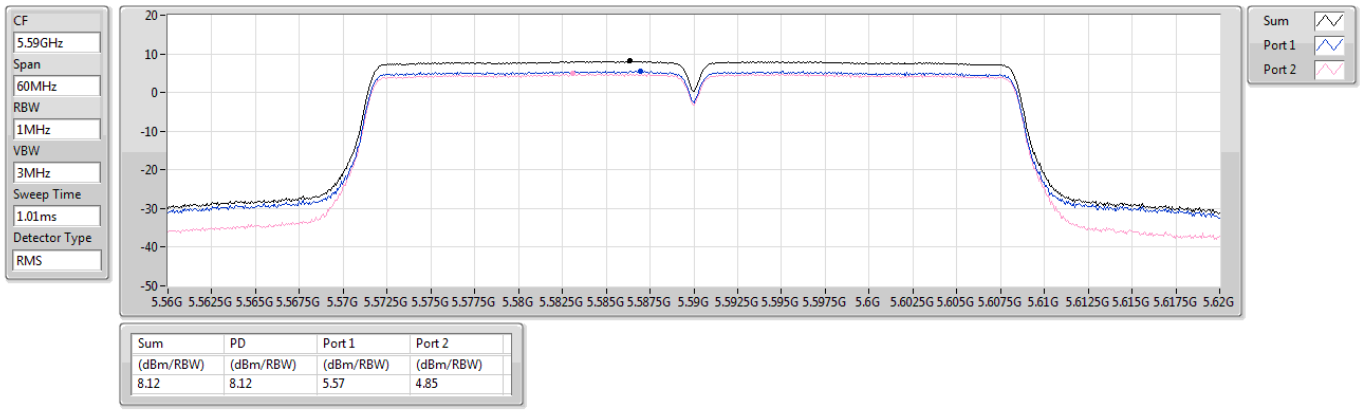
5510MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.97	5.97	3.30	3.16

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

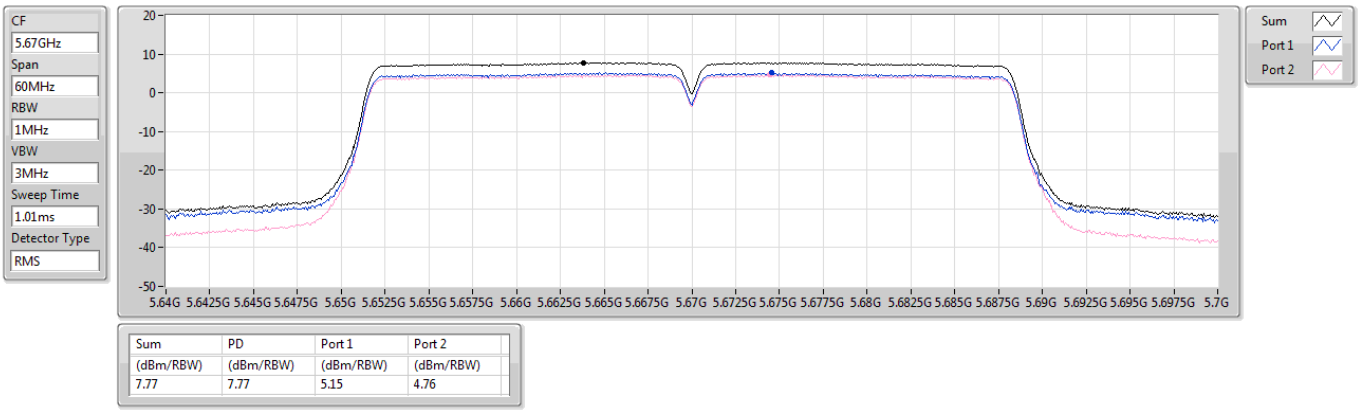
5590MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
8.12	8.12	5.57	4.85

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

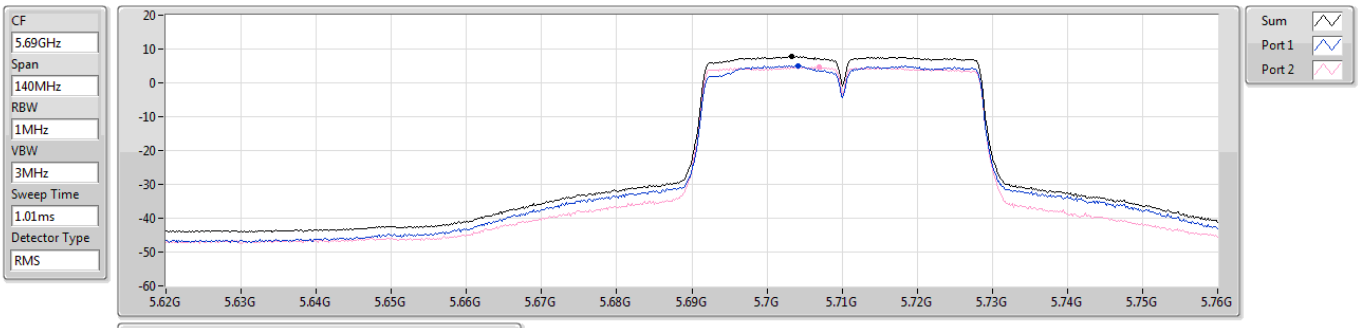
5670MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.77	7.77	5.15	4.76

5.47-5.725GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

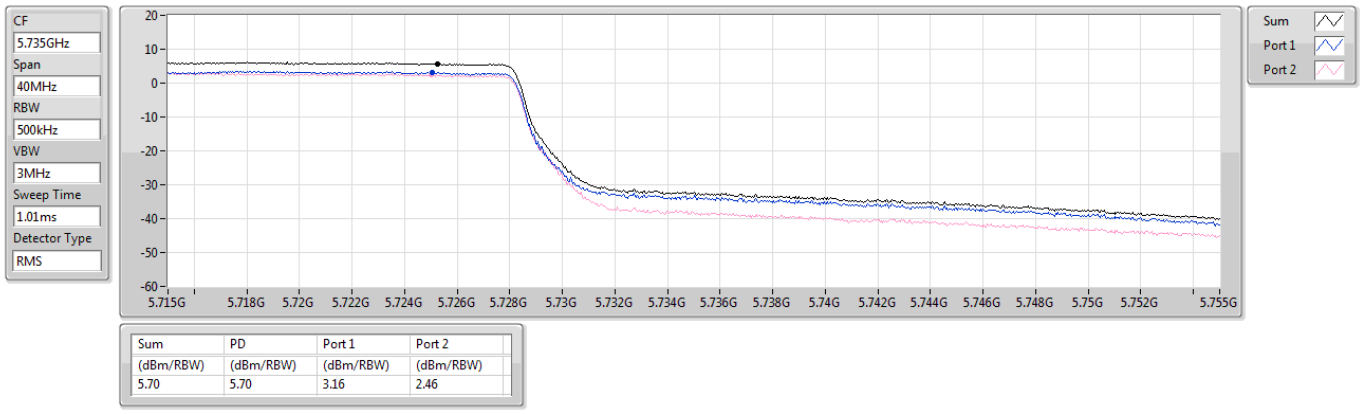
5710MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
7.76	7.76	5.12	4.80

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

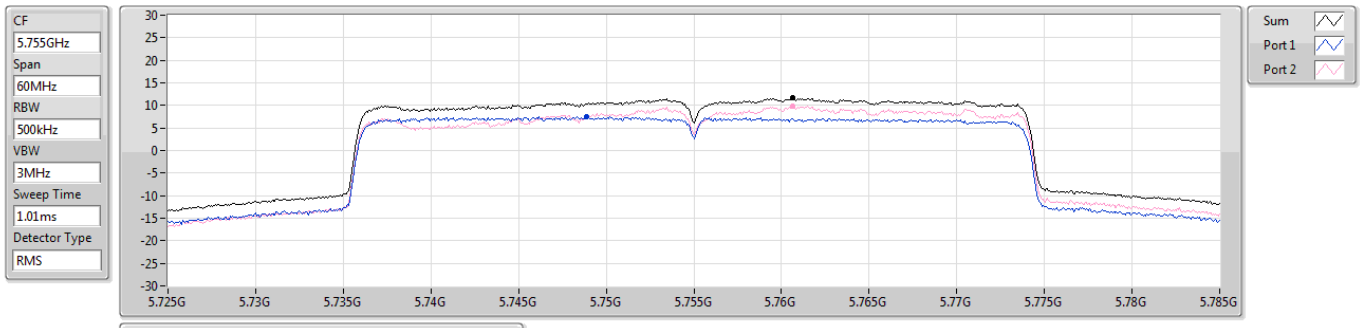
5710MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
5.70	5.70	3.16	2.46

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

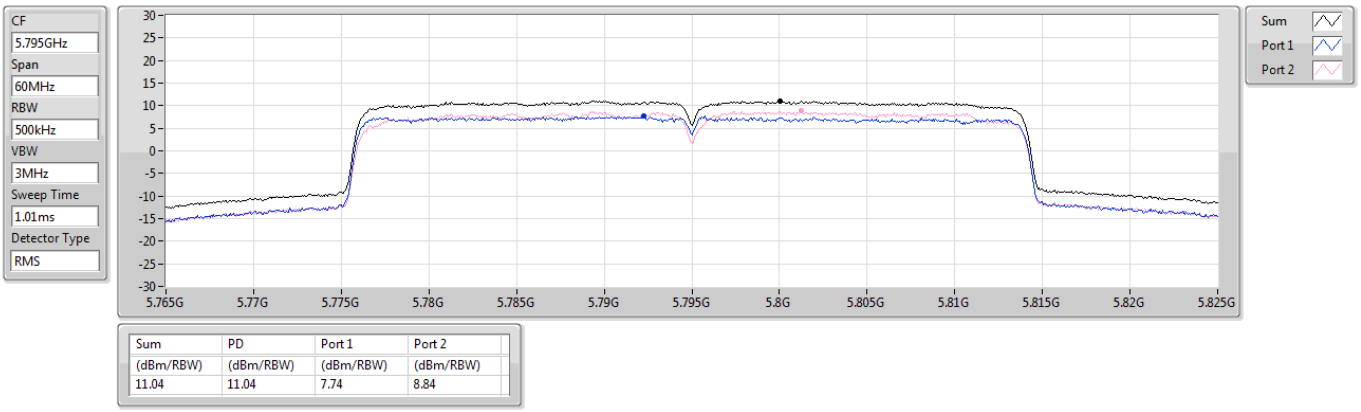
5755MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.68	11.68	7.50	9.87

5.725-5.85GHz_802.11ax HEW40-BF_Nss1,(MCS0)_2TX **PSD**

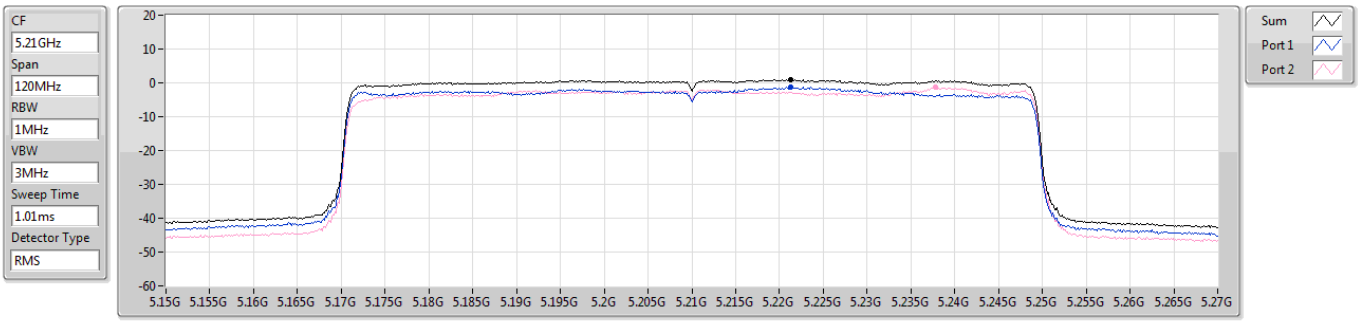
5795MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
11.04	11.04	7.74	8.84

5.15-5.25GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

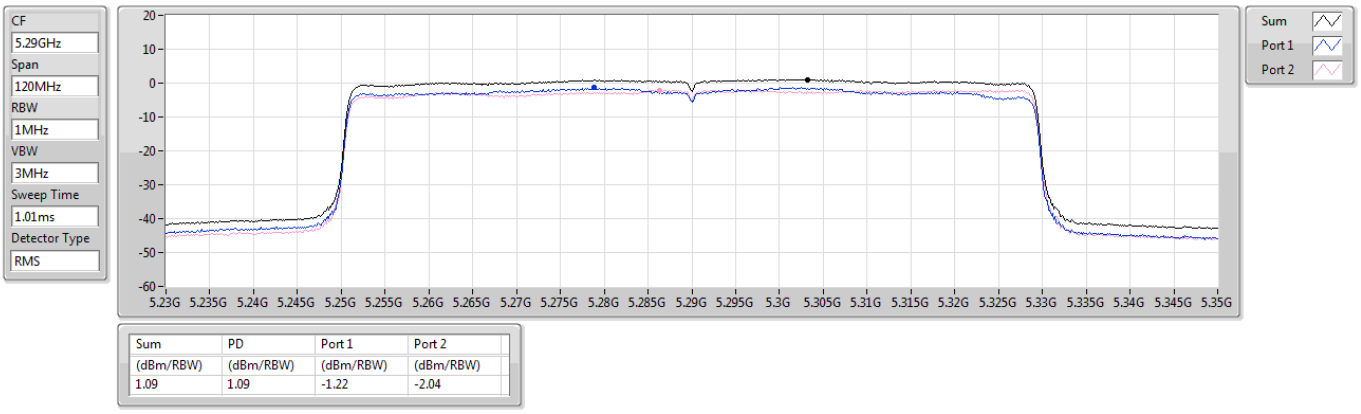
5210MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
0.98	0.98	-1.32	-1.35

5.25-5.35GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

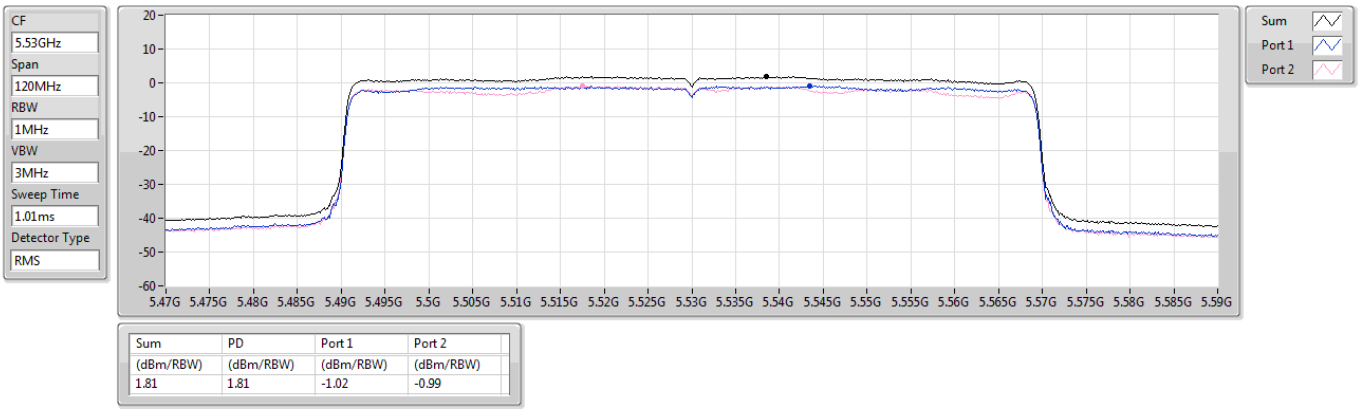
5290MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.09	1.09	-1.22	-2.04

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

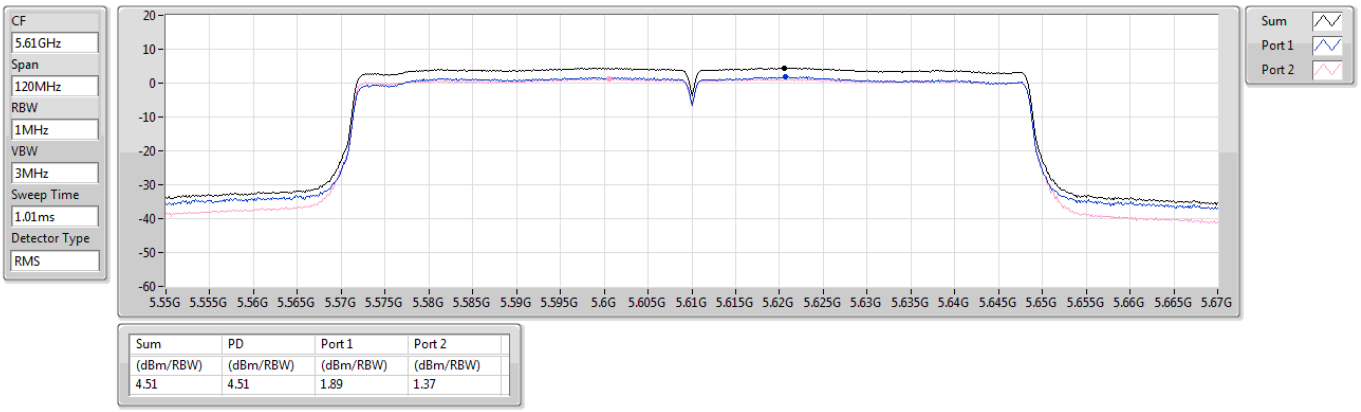
5530MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
1.81	1.81	-1.02	-0.99

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

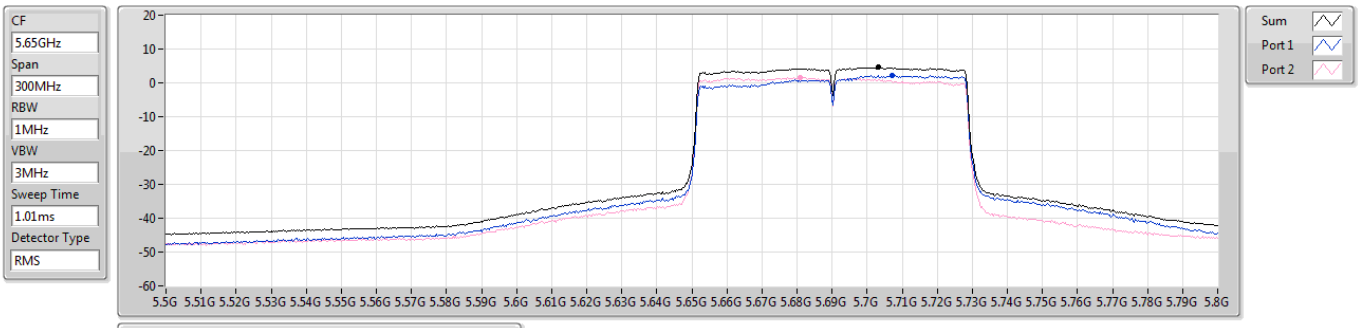
5610MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.51	4.51	1.89	1.37

5.47-5.725GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

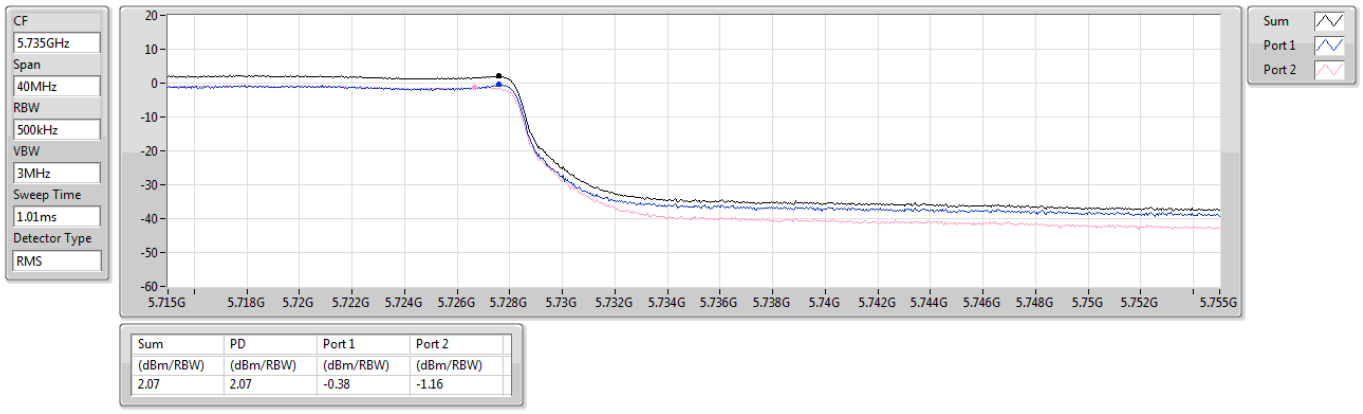
5690MHz Straddle 5.47-5.725GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.57	4.57	2.13	1.45

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

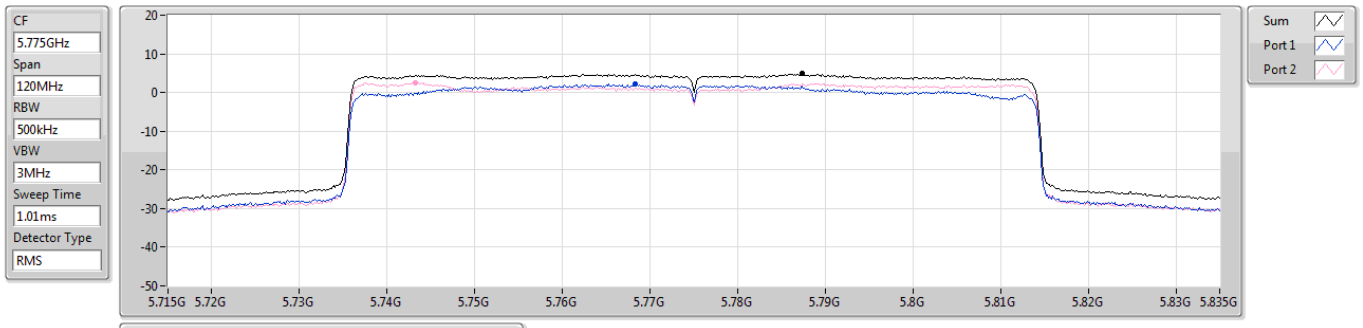
5690MHz Straddle 5.725-5.85GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
2.07	2.07	-0.38	-1.16

5.725-5.85GHz_802.11ax HEW80-BF_Nss1,(MCS0)_2TX **PSD**

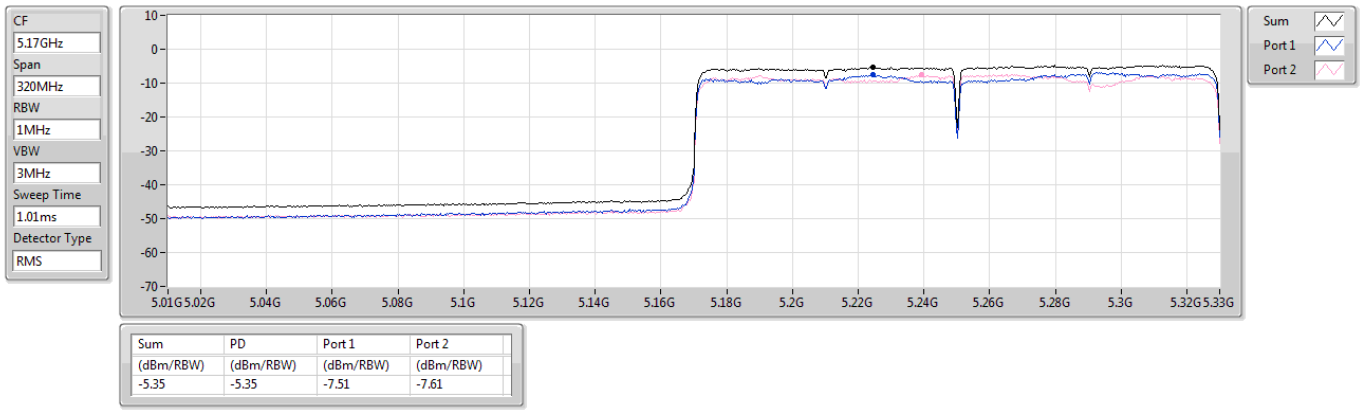
5775MHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
4.88	4.88	2.11	2.52

5.15-5.25GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **PSD**

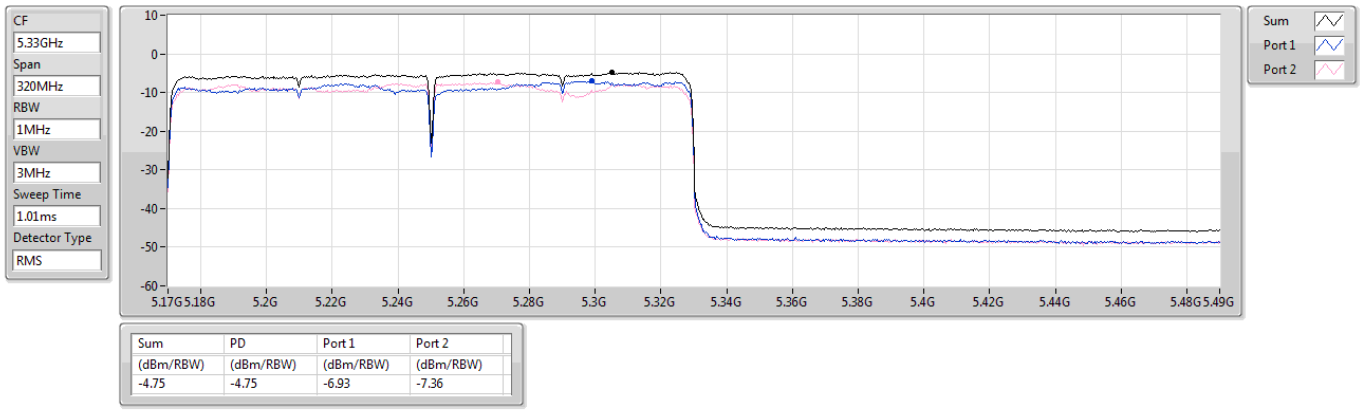
5250MHz Straddle 5.15-5.25GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-5.35	-5.35	-7.51	-7.61

5.25-5.35GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **PSD**

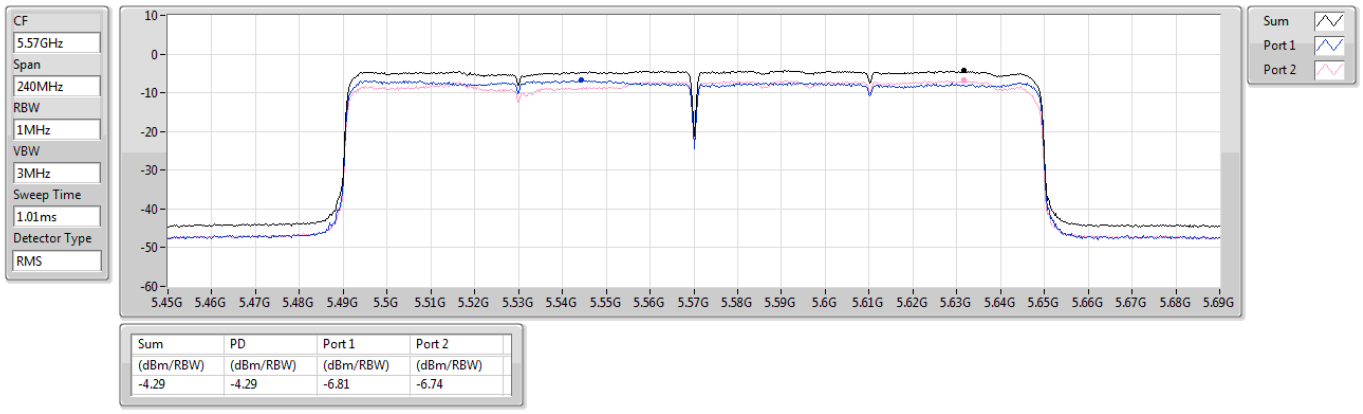
5250MHz Straddle 5.25-5.35GHz



Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.75	-4.75	-6.93	-7.36

5.47-5.725GHz_802.11ax HEW160-BF_Nss1,(MCS0)_2TX **PSD**

5570MHz



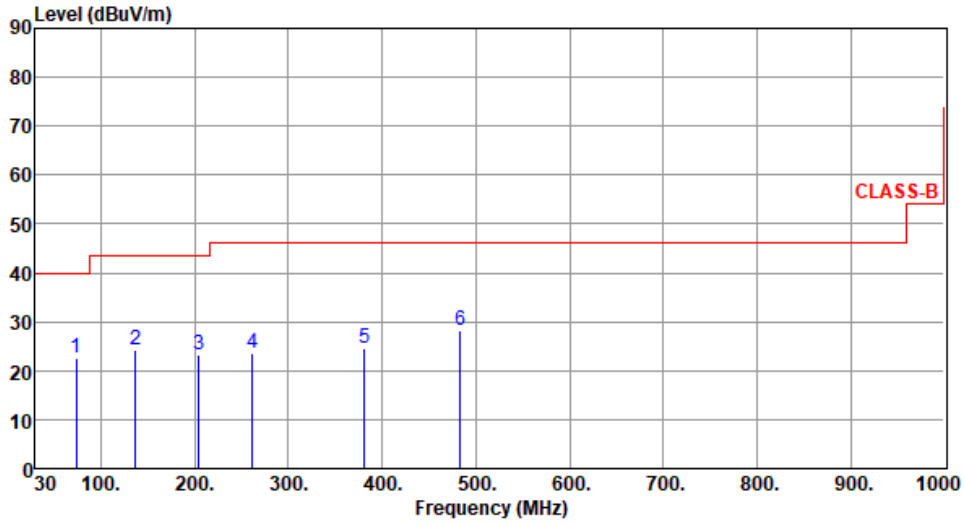
Sum	PD	Port 1	Port 2
(dBm/RBW)	(dBm/RBW)	(dBm/RBW)	(dBm/RBW)
-4.29	-4.29	-6.81	-6.74

Non-beamforming mode

Unwanted Emissions (Below 1GHz)

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

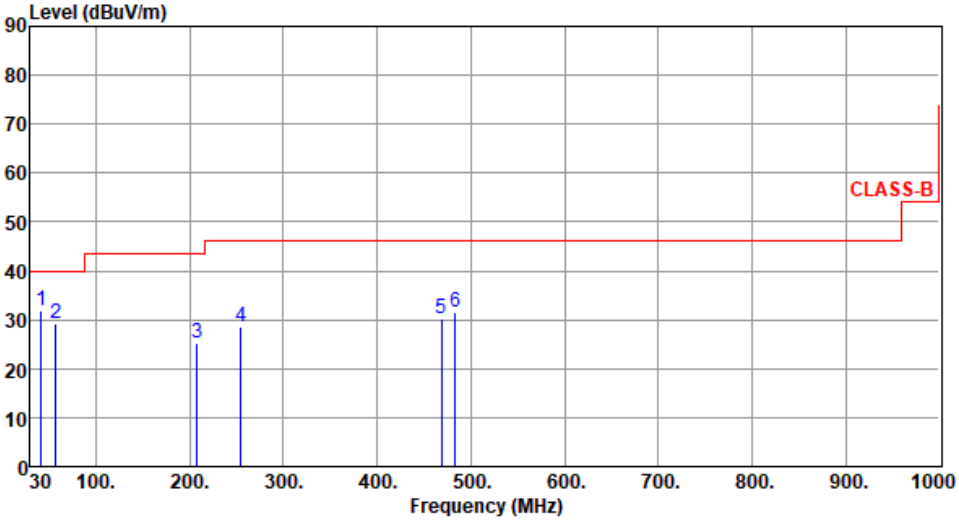


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	73.65	22.46	40.00	-17.54	34.57	-12.11	Peak	---	---
2	136.70	24.11	43.50	-19.39	33.87	-9.76	Peak	---	---
3	204.60	23.41	43.50	-20.09	35.35	-11.94	Peak	---	---
4	261.83	23.61	46.00	-22.39	32.98	-9.37	Peak	---	---
5	381.14	24.49	46.00	-21.51	30.49	-6.00	Peak	---	---
6	482.99	28.07	46.00	-17.93	31.69	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

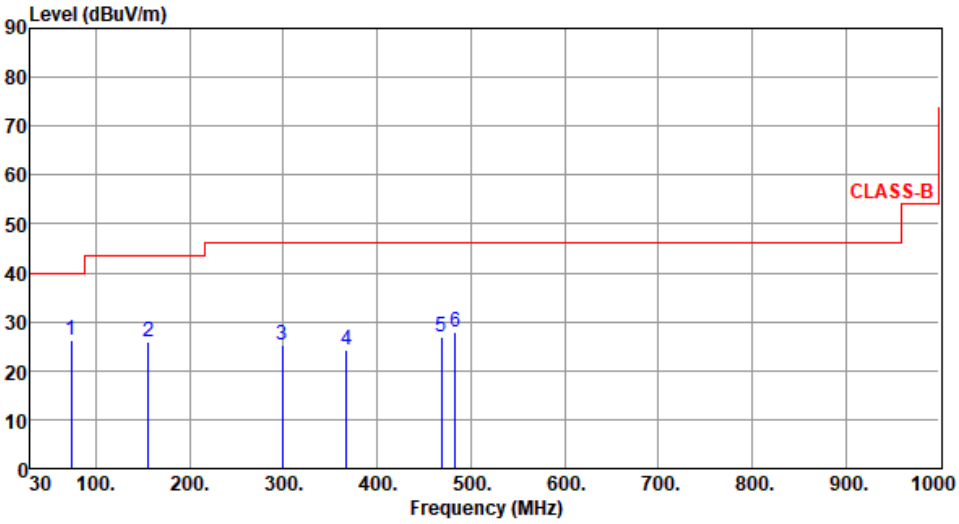


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	41.64	31.96	40.00	-8.04	40.62	-8.66	Peak	---	---
2	57.16	29.34	40.00	-10.66	37.93	-8.59	Peak	---	---
3	207.51	25.38	43.50	-18.12	37.33	-11.95	Peak	---	---
4	255.04	28.49	46.00	-17.51	38.33	-9.84	Peak	---	---
5	468.44	30.28	46.00	-15.72	34.12	-3.84	Peak	---	---
6	482.99	31.59	46.00	-14.41	35.21	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

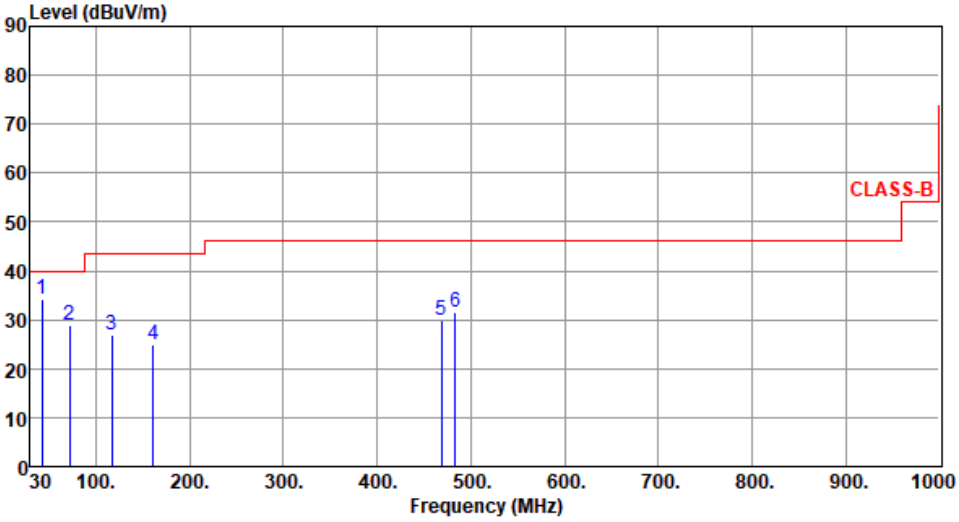


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	73.65	26.27	40.00	-13.73	38.38	-12.11	Peak	---	---
2	156.10	26.07	43.50	-17.43	35.02	-8.95	Peak	---	---
3	298.69	25.34	46.00	-20.66	33.56	-8.22	Peak	---	---
4	367.56	24.30	46.00	-21.70	30.87	-6.57	Peak	---	---
5	468.44	26.89	46.00	-19.11	30.73	-3.84	Peak	---	---
6	482.99	27.83	46.00	-18.17	31.45	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67



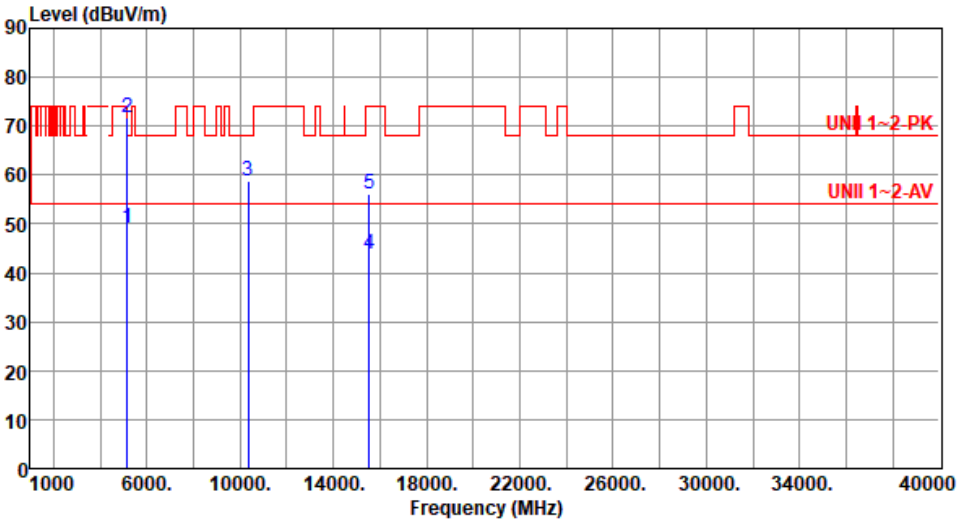
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	42.61	34.35	40.00	-5.65	42.69	-8.34	Peak	---	---
2	71.71	28.95	40.00	-11.05	40.40	-11.45	Peak	---	---
3	117.30	27.04	43.50	-16.46	38.26	-11.22	Peak	---	---
4	160.95	24.75	43.50	-18.75	33.79	-9.04	Peak	---	---
5	468.44	30.00	46.00	-16.00	33.84	-3.84	Peak	---	---
6	482.99	31.72	46.00	-14.28	35.34	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Unwanted Emissions (Above 1GHz) for 11a

Modulation	11a	**Test Freq. (MHz)**	5180
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

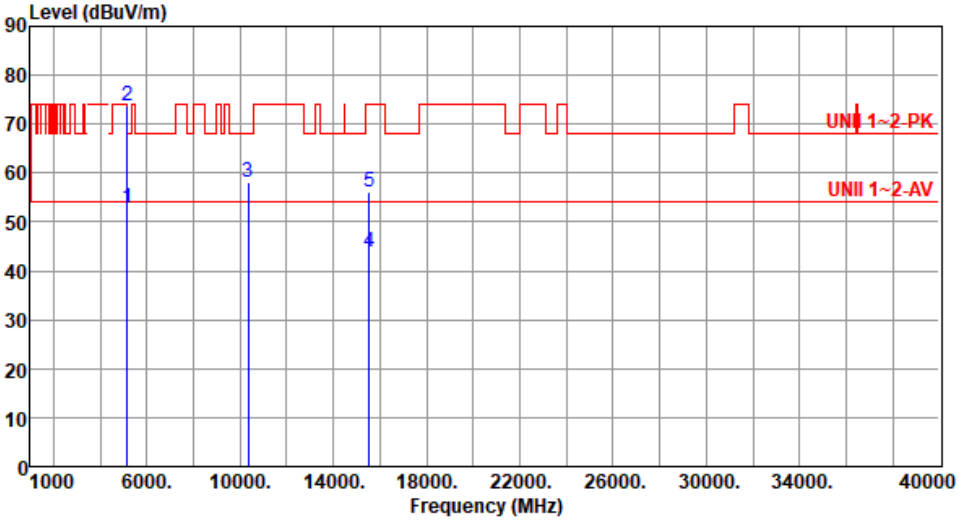


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.16	54.00	-4.84	49.02	0.14	Average	105	328
2	5150.00	71.88	74.00	-2.12	71.74	0.14	Peak	105	328
3	10360.00	58.65	68.20	-9.55	51.64	7.01	Peak	201	129
4	15540.00	43.95	54.00	-10.05	39.90	4.05	Average	100	304
5	15540.00	56.14	74.00	-17.86	52.09	4.05	Peak	100	304

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5180
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

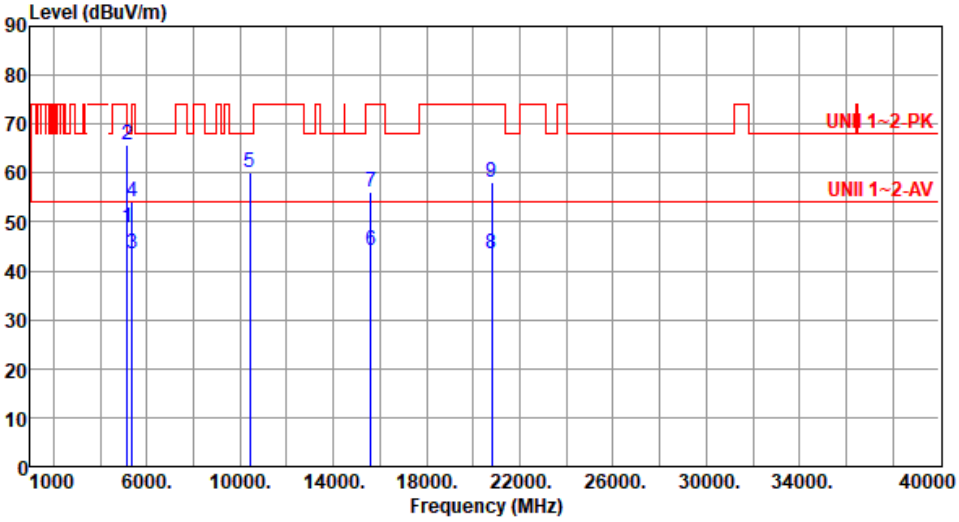


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.91	54.00	-1.09	52.77	0.14	Average	100	23
2	5150.00	73.59	74.00	-0.41	73.45	0.14	Peak	100	23
3	10360.00	58.02	68.20	-10.18	51.01	7.01	Peak	100	75
4	15540.00	43.98	54.00	-10.02	39.93	4.05	Average	100	124
5	15540.00	56.25	74.00	-17.75	52.20	4.05	Peak	100	124

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

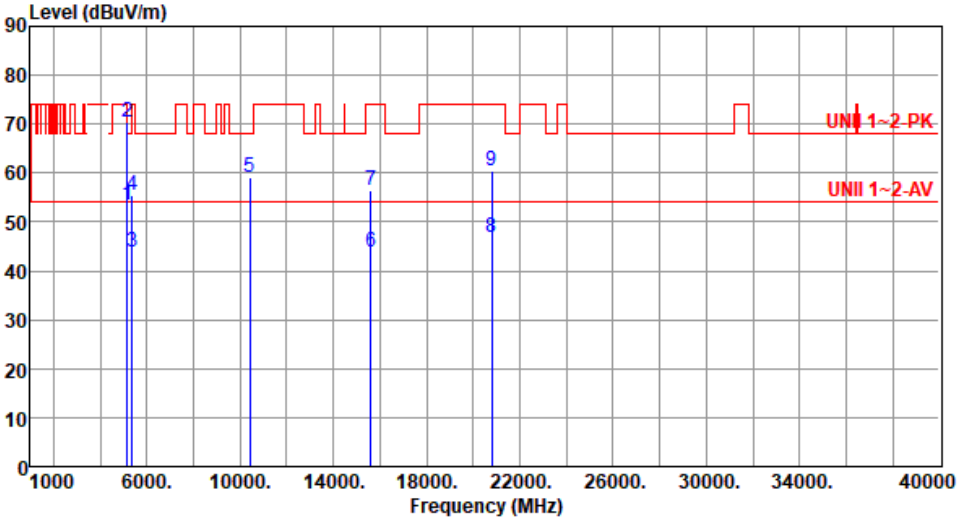


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	48.71	54.00	-5.29	48.57	0.14	Average	100	329
2	5150.00	65.66	74.00	-8.34	65.52	0.14	Peak	100	329
3	5350.00	43.48	54.00	-10.52	43.77	-0.29	Average	100	329
4	5350.00	54.24	74.00	-19.76	54.53	-0.29	Peak	100	329
5	10400.00	59.97	68.20	-8.23	52.86	7.11	Peak	204	127
6	15600.00	44.06	54.00	-9.94	40.21	3.85	Average	100	292
7	15600.00	56.29	74.00	-17.71	52.44	3.85	Peak	100	292
8	20800.00	43.58	54.00	-10.42	41.05	2.53	Average	100	128
9	20800.00	58.28	74.00	-15.72	55.75	2.53	Peak	100	128

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

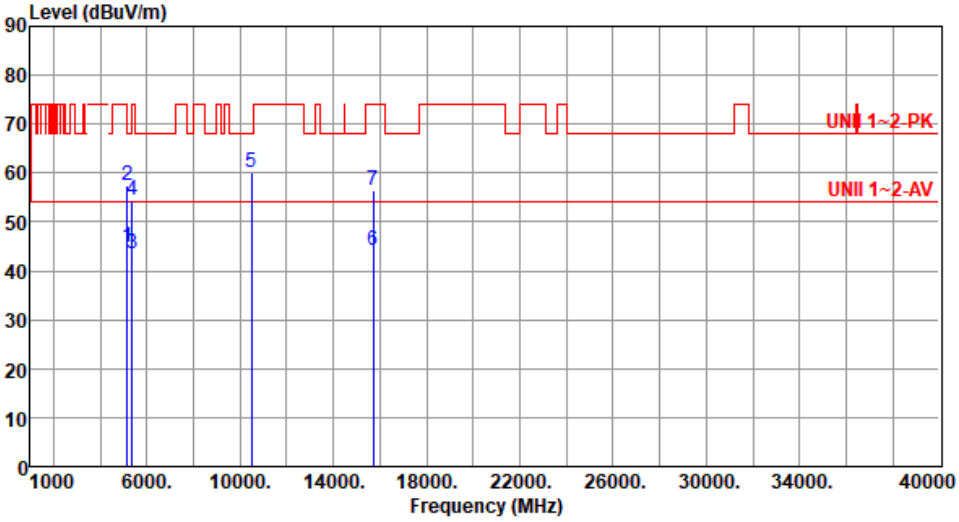


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.52	54.00	-0.48	53.38	0.14	Average	100	16
2	5150.00	70.53	74.00	-3.47	70.39	0.14	Peak	100	16
3	5350.00	43.87	54.00	-10.13	44.16	-0.29	Average	100	16
4	5350.00	55.39	74.00	-18.61	55.68	-0.29	Peak	100	16
5	10400.00	59.11	68.20	-9.09	52.00	7.11	Peak	100	70
6	15600.00	44.00	54.00	-10.00	40.15	3.85	Average	100	126
7	15600.00	56.34	74.00	-17.66	52.49	3.85	Peak	100	126
8	20800.00	46.86	54.00	-7.14	44.33	2.53	Average	100	70
9	20800.00	60.59	74.00	-13.41	58.06	2.53	Peak	100	70

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

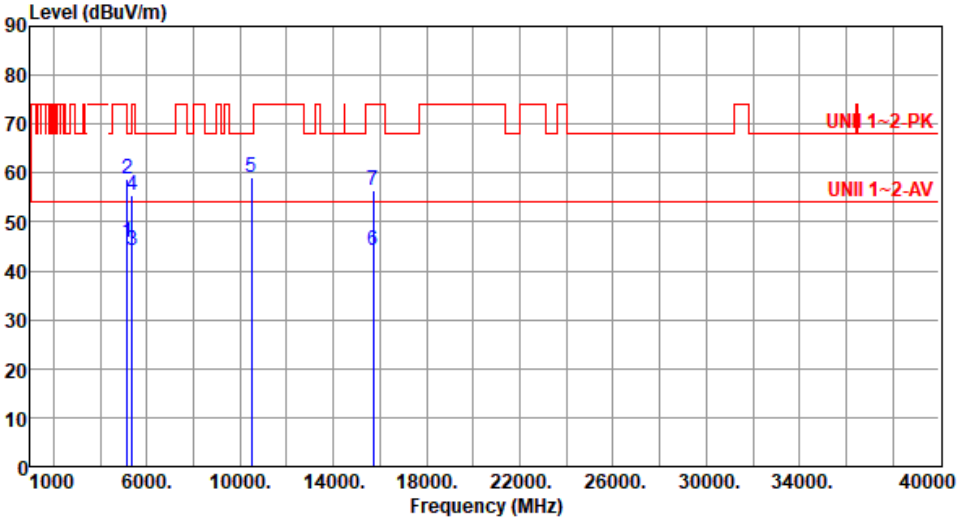


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	44.99	54.00	-9.01	44.85	0.14	Average	100	325
2	5150.00	57.42	74.00	-16.58	57.28	0.14	Peak	100	325
3	5350.00	43.50	54.00	-10.50	43.79	-0.29	Average	100	325
4	5350.00	54.48	74.00	-19.52	54.77	-0.29	Peak	100	325
5	10480.00	60.12	68.20	-8.08	52.95	7.17	Peak	203	134
6	15720.00	44.12	54.00	-9.88	40.29	3.83	Average	100	303
7	15720.00	56.34	74.00	-17.66	52.51	3.83	Peak	100	303

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

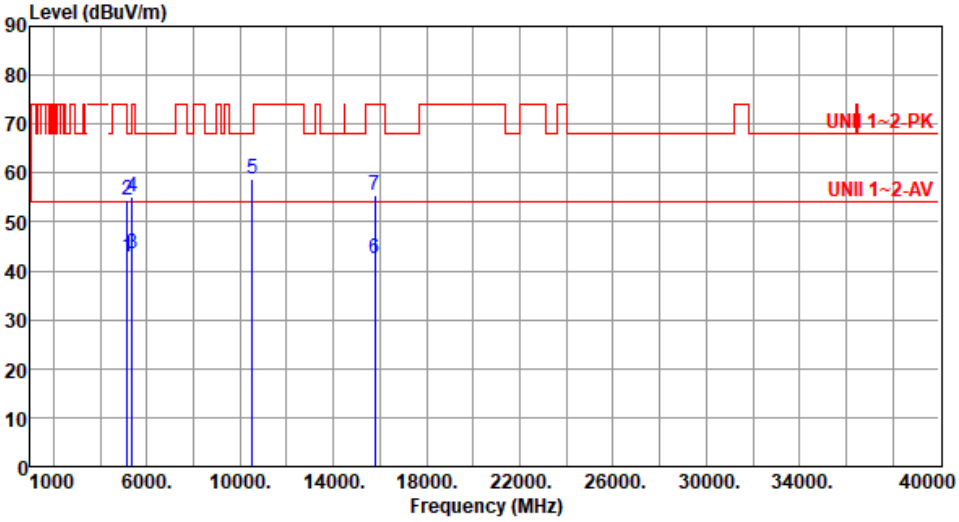


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.76	54.00	-8.24	45.62	0.14	Average	100	17
2	5150.00	58.89	74.00	-15.11	58.75	0.14	Peak	100	17
3	5350.00	44.08	54.00	-9.92	44.37	-0.29	Average	100	17
4	5350.00	55.33	74.00	-18.67	55.62	-0.29	Peak	100	17
5	10480.00	59.26	68.20	-8.94	52.09	7.17	Peak	100	62
6	15720.00	44.14	54.00	-9.86	40.31	3.83	Average	100	109
7	15720.00	56.45	74.00	-17.55	52.62	3.83	Peak	100	109

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5260
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

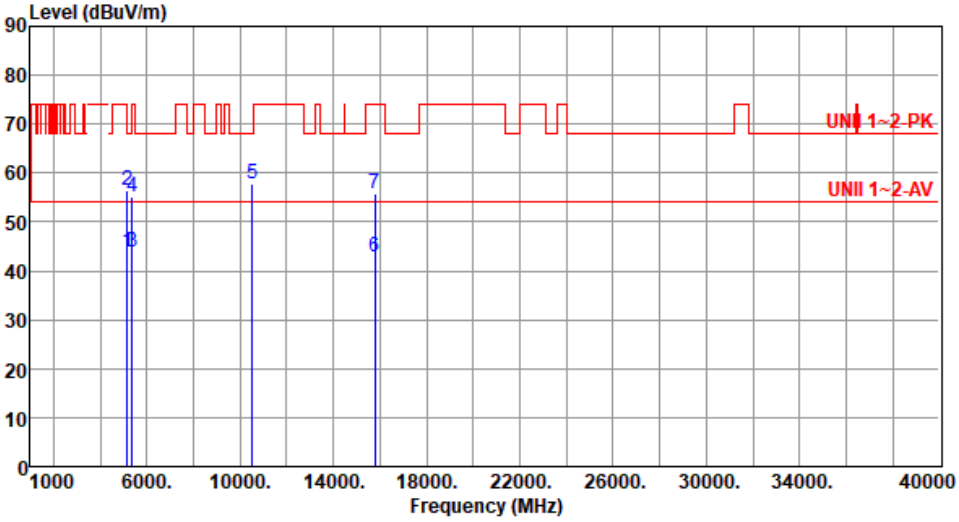


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	42.91	54.00	-11.09	42.77	0.14	Average	100	5
2	5150.00	54.39	74.00	-19.61	54.25	0.14	Peak	100	5
3	5350.00	43.55	54.00	-10.45	43.84	-0.29	Average	100	5
4	5350.00	55.02	74.00	-18.98	55.31	-0.29	Peak	100	5
5	10520.00	58.62	68.20	-9.58	51.43	7.19	Peak	210	135
6	15780.00	42.65	54.00	-11.35	38.78	3.87	Average	100	204
7	15780.00	55.59	74.00	-18.41	51.72	3.87	Peak	100	204

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5260
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

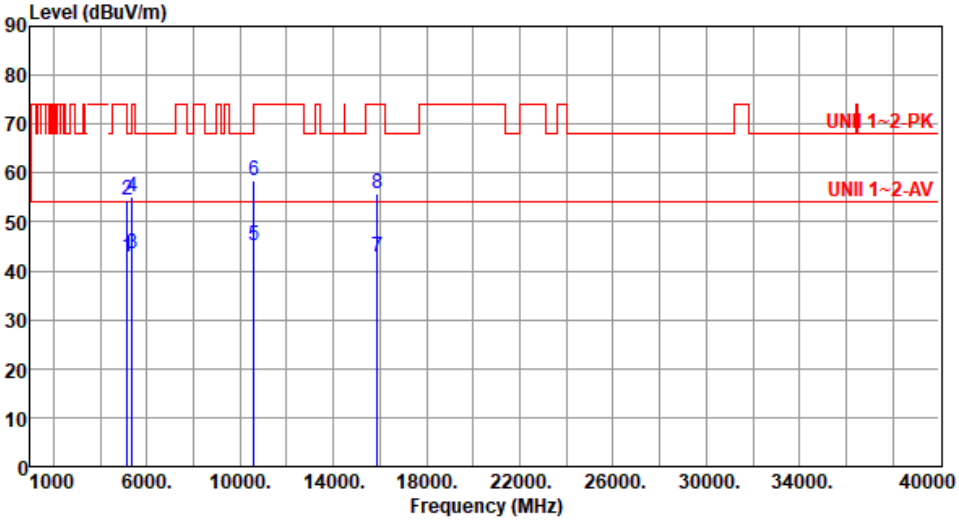


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.79	54.00	-10.21	43.65	0.14	Average	100	21
2	5150.00	56.59	74.00	-17.41	56.45	0.14	Peak	100	21
3	5350.00	43.93	54.00	-10.07	44.22	-0.29	Average	100	21
4	5350.00	55.29	74.00	-18.71	55.58	-0.29	Peak	100	21
5	10520.00	57.69	68.20	-10.51	50.50	7.19	Peak	100	72
6	15780.00	42.84	54.00	-11.16	38.97	3.87	Average	100	136
7	15780.00	55.81	74.00	-18.19	51.94	3.87	Peak	100	136

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5300
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

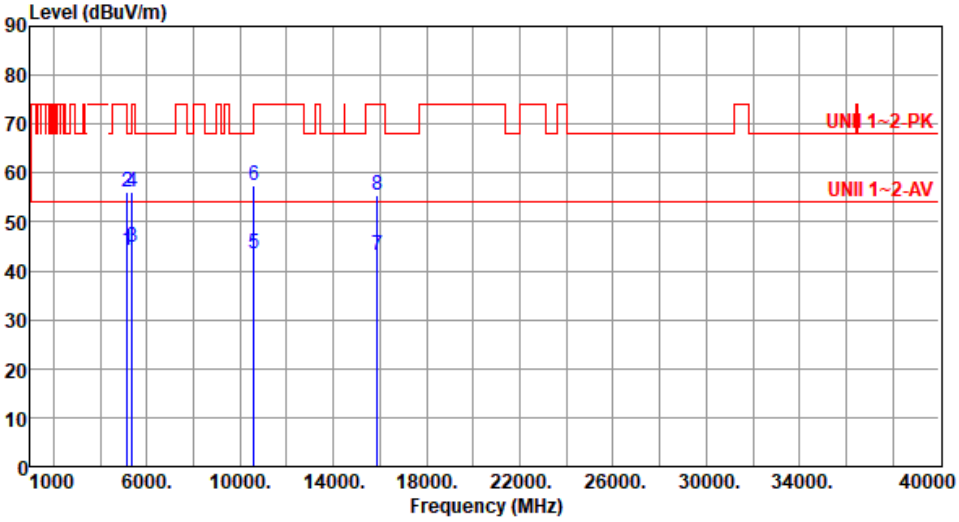


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	42.88	54.00	-11.12	42.74	0.14	Average	100	1
2	5150.00	54.37	74.00	-19.63	54.23	0.14	Peak	100	1
3	5350.00	43.63	54.00	-10.37	43.92	-0.29	Average	100	1
4	5350.00	55.07	74.00	-18.93	55.36	-0.29	Peak	100	1
5	10600.00	45.31	54.00	-8.69	38.14	7.17	Average	211	129
6	10600.00	58.51	74.00	-15.49	51.34	7.17	Peak	211	129
7	15900.00	42.71	54.00	-11.29	38.66	4.05	Average	100	212
8	15900.00	55.67	74.00	-18.33	51.62	4.05	Peak	100	212

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5300
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

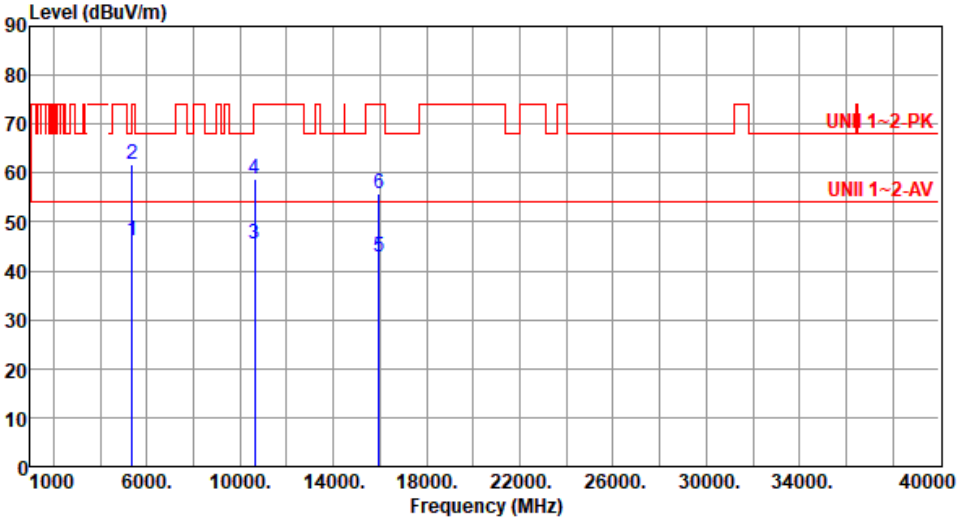


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	44.25	54.00	-9.75	44.11	0.14	Average	102	21
2	5150.00	56.16	74.00	-17.84	56.02	0.14	Peak	102	21
3	5350.00	44.72	54.00	-9.28	45.01	-0.29	Average	102	21
4	5350.00	56.13	74.00	-17.87	56.42	-0.29	Peak	102	21
5	10600.00	43.66	54.00	-10.34	36.49	7.17	Average	100	69
6	10600.00	57.43	74.00	-16.57	50.26	7.17	Peak	100	69
7	15900.00	43.11	54.00	-10.89	39.06	4.05	Average	100	129
8	15900.00	55.55	74.00	-18.45	51.50	4.05	Peak	100	129

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5320
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

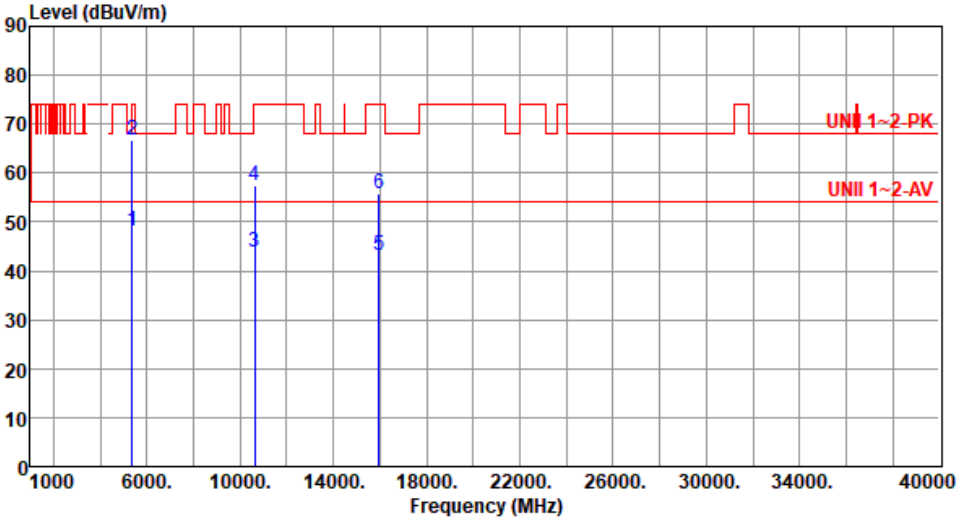


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	46.32	54.00	-7.68	46.61	-0.29	Average	100	345
2	5350.00	61.61	74.00	-12.39	61.90	-0.29	Peak	100	345
3	10640.00	45.48	54.00	-8.52	38.36	7.12	Average	209	124
4	10640.00	58.62	74.00	-15.38	51.50	7.12	Peak	209	124
5	15960.00	42.86	54.00	-11.14	38.83	4.03	Average	100	205
6	15960.00	55.84	74.00	-18.16	51.81	4.03	Peak	100	205

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5320
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

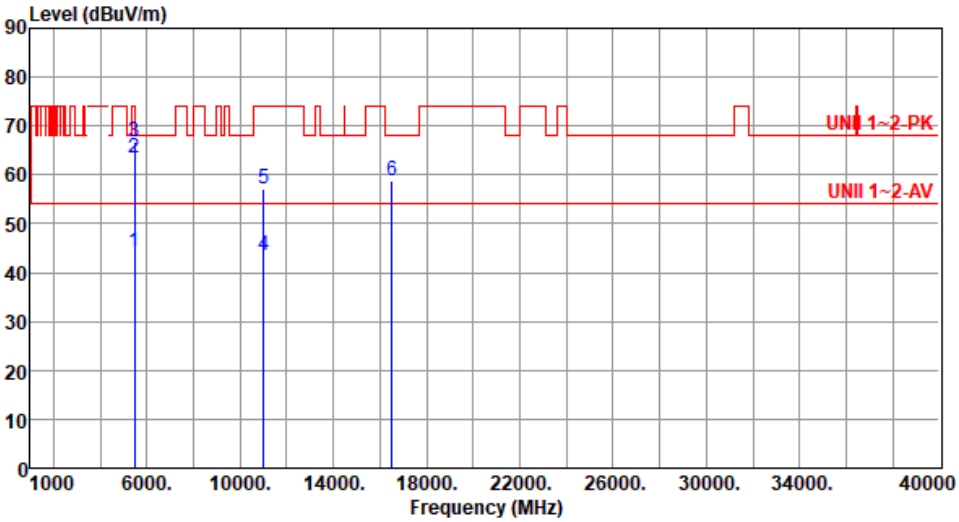


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	48.16	54.00	-5.84	48.45	-0.29	Average	100	20
2	5350.00	66.86	74.00	-7.14	67.15	-0.29	Peak	100	20
3	10640.00	43.75	54.00	-10.25	36.63	7.12	Average	100	72
4	10640.00	57.46	74.00	-16.54	50.34	7.12	Peak	100	72
5	15960.00	43.25	54.00	-10.75	39.22	4.03	Average	100	121
6	15960.00	55.63	74.00	-18.37	51.60	4.03	Peak	100	121

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5500
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

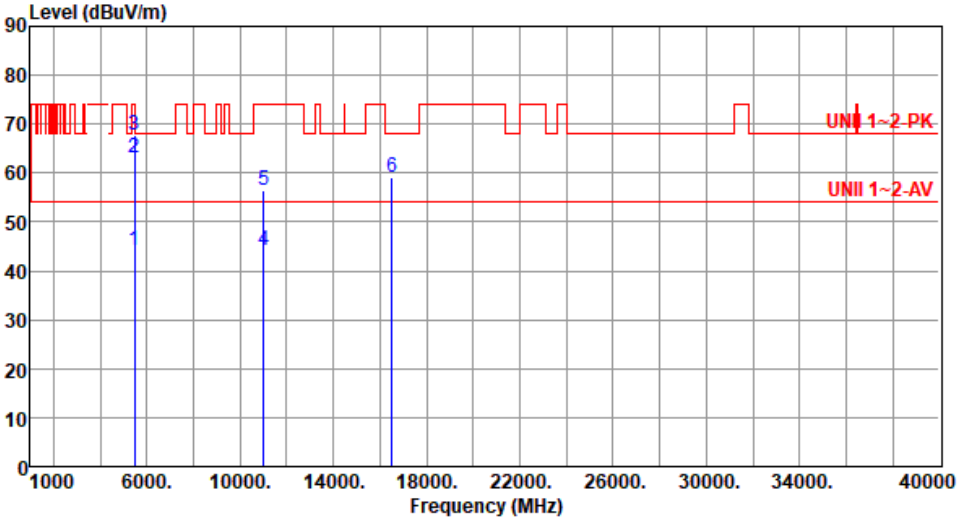


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.16	54.00	-9.84	44.19	-0.03	Average	103	356
2	5460.00	63.46	74.00	-10.54	63.49	-0.03	Peak	103	356
3	5470.00	66.67	68.20	-1.53	66.68	-0.01	Peak	103	356
4	11000.00	43.51	54.00	-10.49	36.02	7.49	Average	100	215
5	11000.00	57.26	74.00	-16.74	49.77	7.49	Peak	100	215
6	16500.00	58.75	68.20	-9.45	52.76	5.99	Peak	100	91

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5500
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

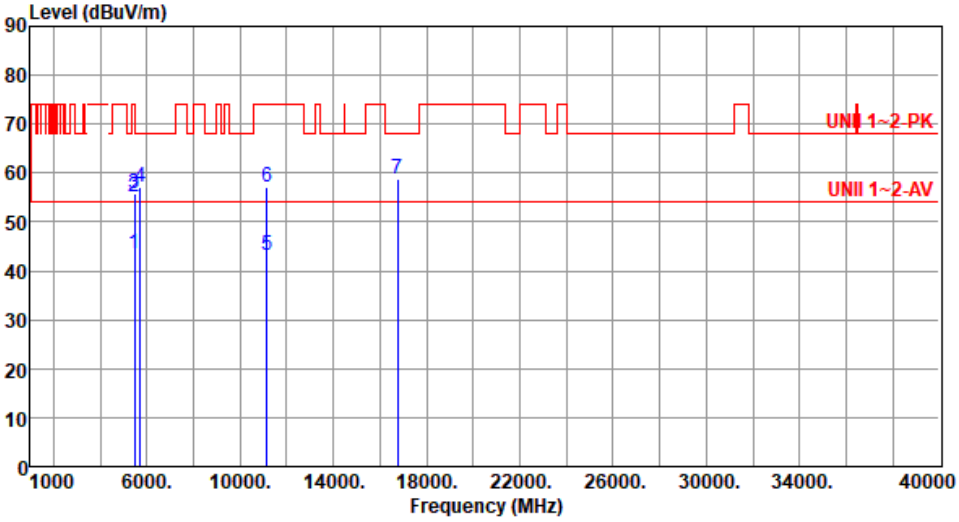


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.32	54.00	-9.68	44.35	-0.03	Average	100	5
2	5460.00	63.10	74.00	-10.90	63.13	-0.03	Peak	100	5
3	5470.00	67.71	68.20	-0.49	67.72	-0.01	Peak	100	5
4	11000.00	44.29	54.00	-9.71	36.80	7.49	Average	131	176
5	11000.00	56.61	74.00	-17.39	49.12	7.49	Peak	131	176
6	16500.00	59.28	68.20	-8.92	53.29	5.99	Peak	100	124

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5580
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

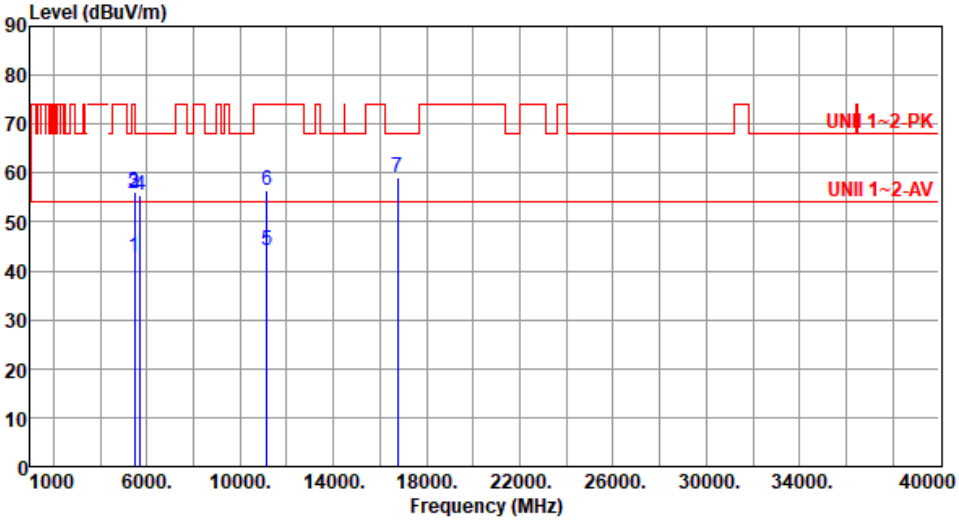


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.56	54.00	-10.44	43.59	-0.03	Average	101	355
2	5460.00	54.99	74.00	-19.01	55.02	-0.03	Peak	101	355
3	5470.00	55.74	68.20	-12.46	55.75	-0.01	Peak	101	355
4	5725.00	57.06	68.20	-11.14	56.58	0.48	Peak	101	355
5	11160.00	43.30	54.00	-10.70	36.37	6.93	Average	100	224
6	11160.00	57.11	74.00	-16.89	50.18	6.93	Peak	100	224
7	16740.00	58.62	68.20	-9.58	52.27	6.35	Peak	100	96

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5580
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

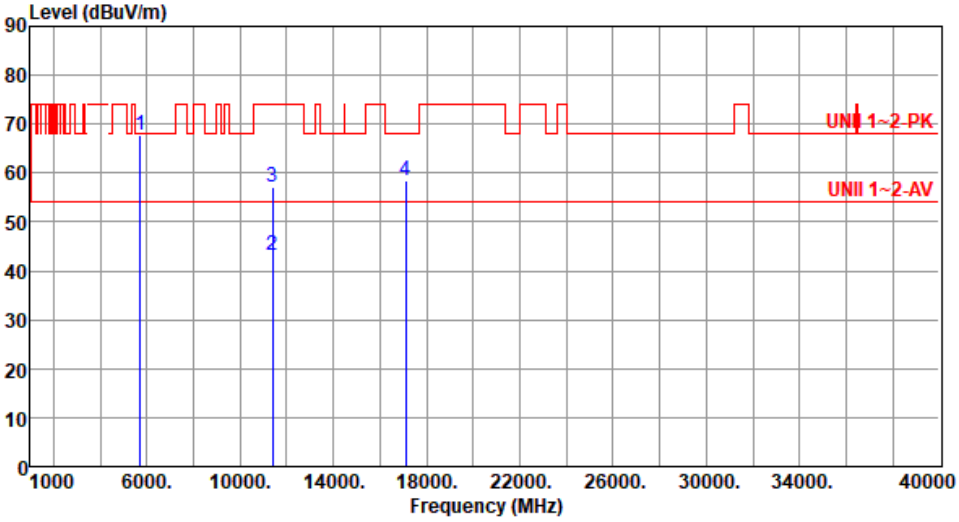


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	42.83	54.00	-11.17	42.86	-0.03	Average	100	5
2	5460.00	55.95	74.00	-18.05	55.98	-0.03	Peak	100	5
3	5470.00	56.14	68.20	-12.06	56.15	-0.01	Peak	100	5
4	5725.00	55.35	68.20	-12.85	54.87	0.48	Peak	100	5
5	11160.00	44.22	54.00	-9.78	37.29	6.93	Average	134	179
6	11160.00	56.53	74.00	-17.47	49.60	6.93	Peak	134	179
7	16740.00	59.12	68.20	-9.08	52.77	6.35	Peak	100	134

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5700
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

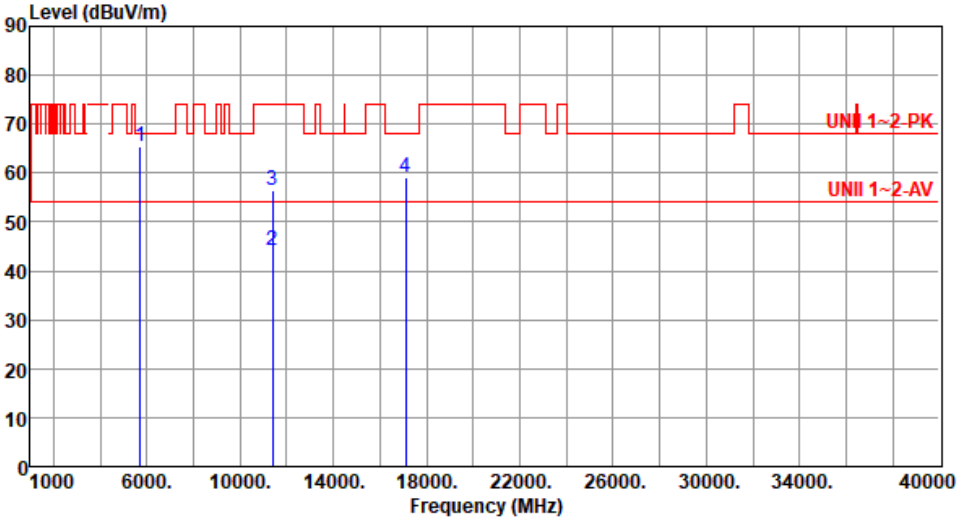


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	67.71	68.20	-0.49	67.23	0.48	Peak	100	352
2	11400.00	43.24	54.00	-10.76	36.22	7.02	Average	100	216
3	11400.00	57.06	74.00	-16.94	50.04	7.02	Peak	100	216
4	17100.00	58.59	68.20	-9.61	52.64	5.95	Peak	100	82

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5700
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

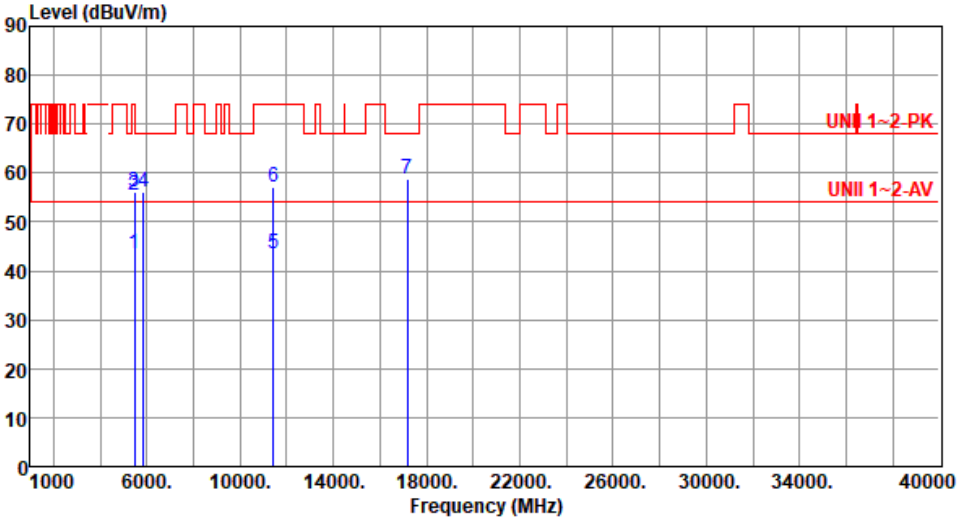


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	65.33	68.20	-2.87	64.85	0.48	Peak	100	73
2	11400.00	44.29	54.00	-9.71	37.27	7.02	Average	123	165
3	11400.00	56.62	74.00	-17.38	49.60	7.02	Peak	123	165
4	17100.00	59.28	68.20	-8.92	53.33	5.95	Peak	100	99

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5720
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

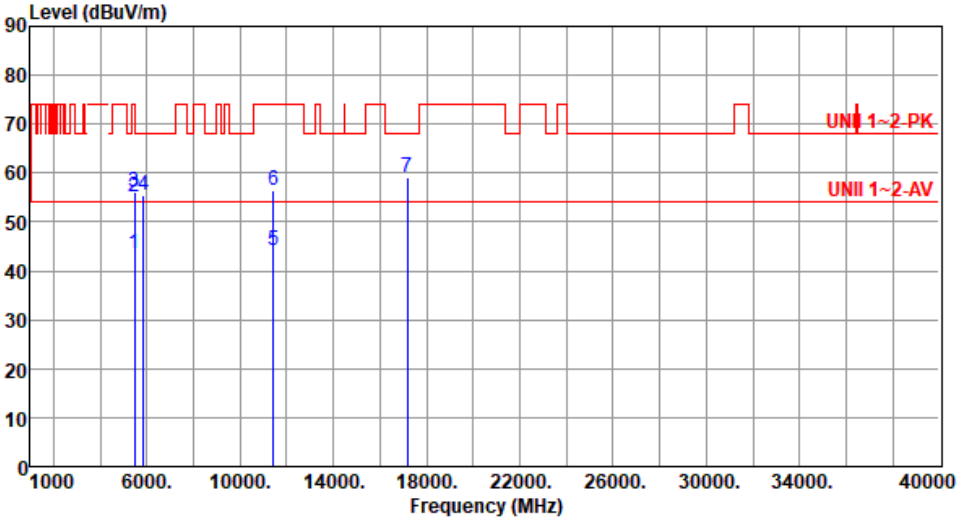


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.45	54.00	-10.55	43.48	-0.03	Average	100	354
2	5460.00	55.45	74.00	-18.55	55.48	-0.03	Peak	100	354
3	5470.00	56.26	68.20	-11.94	56.27	-0.01	Peak	100	354
4	5850.00	56.00	68.20	-12.20	55.25	0.75	Peak	100	354
5	11440.00	43.45	54.00	-10.55	36.37	7.08	Average	100	218
6	11440.00	57.26	74.00	-16.74	50.18	7.08	Peak	100	218
7	17160.00	58.79	68.20	-9.41	52.73	6.06	Peak	100	91

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	Test Freq. (MHz)	5720
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

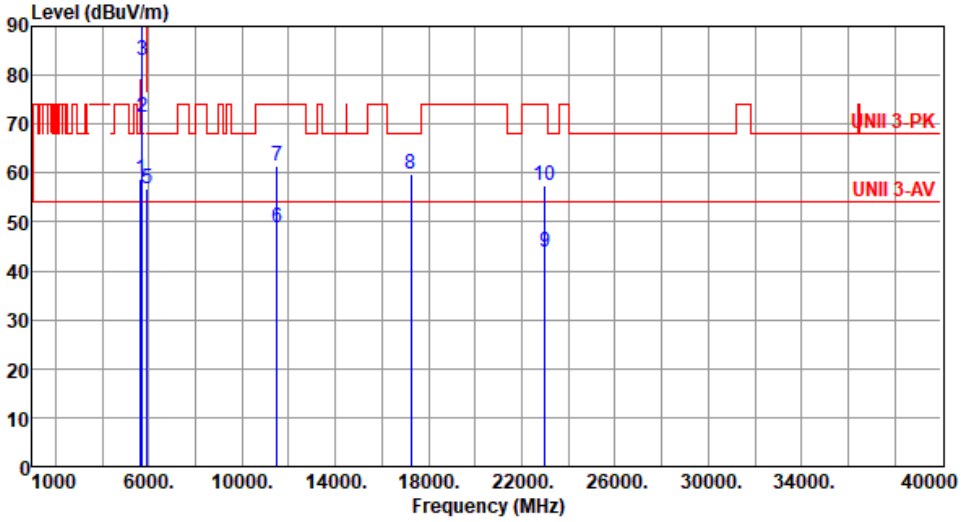


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.55	54.00	-10.45	43.58	-0.03	Average	100	72
2	5460.00	55.20	74.00	-18.80	55.23	-0.03	Peak	100	72
3	5470.00	56.17	68.20	-12.03	56.18	-0.01	Peak	100	72
4	5850.00	55.50	68.20	-12.70	54.75	0.75	Peak	100	72
5	11440.00	44.15	54.00	-9.85	37.07	7.08	Average	136	182
6	11440.00	56.48	74.00	-17.52	49.40	7.08	Peak	136	182
7	17160.00	59.05	68.20	-9.15	52.99	6.06	Peak	100	139

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

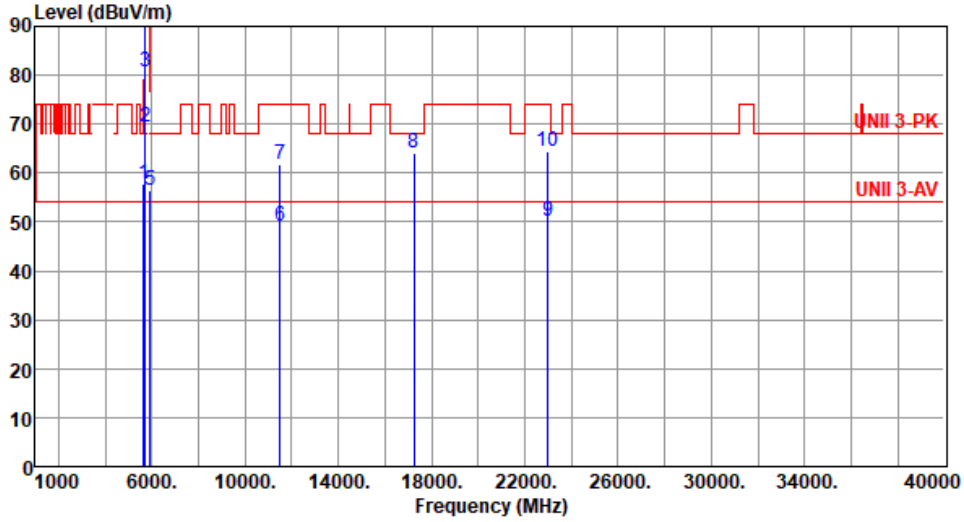


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	58.82	68.20	-9.38	58.68	0.14	Peak	100	350
2	5700.00	71.53	105.20	-33.67	71.17	0.36	Peak	100	350
3	5720.00	82.94	110.80	-27.86	82.48	0.46	Peak	100	350
4	5725.00	94.05	122.20	-28.15	93.57	0.48	Peak	100	350
5	5925.00	56.88	68.20	-11.32	55.81	1.07	Peak	100	350
6	11490.00	48.69	54.00	-5.31	41.52	7.17	Average	100	222
7	11490.00	61.34	74.00	-12.66	54.17	7.17	Peak	100	222
8	17235.00	59.64	68.20	-8.56	53.56	6.08	Peak	100	133
9	22980.00	43.85	54.00	-10.15	37.71	6.14	Average	100	197
10	22980.00	57.31	74.00	-16.69	51.17	6.14	Peak	100	197

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

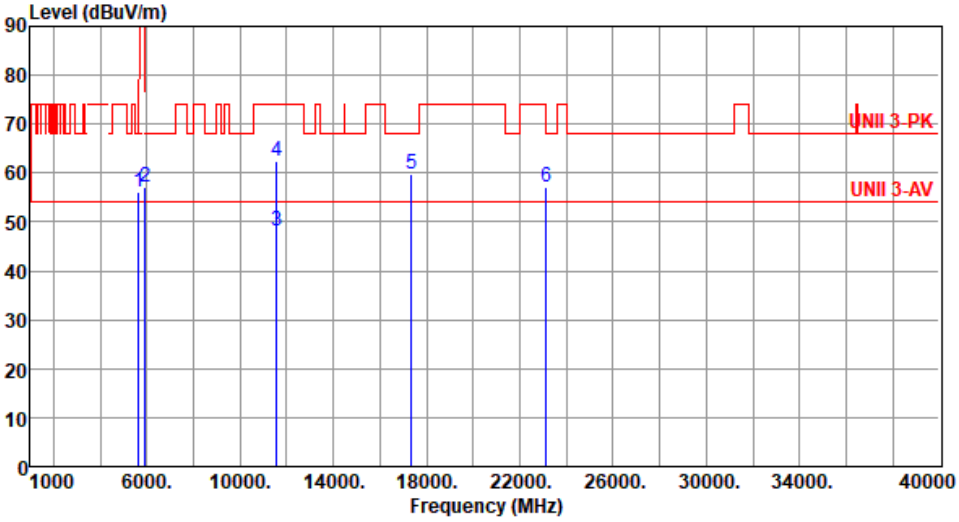


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	57.80	68.20	-10.40	57.66	0.14	Peak	100	78
2	5700.00	69.46	105.20	-35.74	69.10	0.36	Peak	100	78
3	5720.00	80.74	110.80	-30.06	80.28	0.46	Peak	100	78
4	5725.00	91.52	122.20	-30.68	91.04	0.48	Peak	100	78
5	5925.00	56.34	68.20	-11.86	55.27	1.07	Peak	100	78
6	11490.00	48.99	54.00	-5.01	41.82	7.17	Average	100	187
7	11490.00	61.91	74.00	-12.09	54.74	7.17	Peak	100	187
8	17235.00	64.03	68.20	-4.17	57.95	6.08	Peak	257	12
9	22980.00	50.14	54.00	-3.86	44.00	6.14	Average	196	10
10	22980.00	64.52	74.00	-9.48	58.38	6.14	Peak	196	10

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

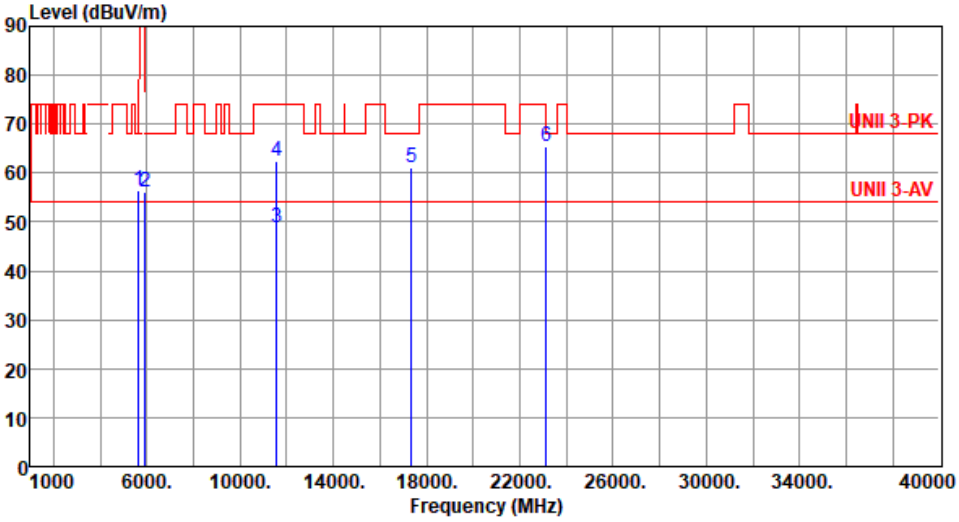


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	56.29	68.20	-11.91	56.15	0.14	Peak	100	353
2	5925.00	57.23	68.20	-10.97	56.16	1.07	Peak	100	353
3	11570.00	48.18	54.00	-5.82	41.23	6.95	Average	100	250
4	11570.00	62.36	74.00	-11.64	55.41	6.95	Peak	100	250
5	17355.00	59.77	68.20	-8.43	53.55	6.22	Peak	100	125
6	23140.00	57.19	68.20	-11.01	50.96	6.23	Peak	100	196

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):65

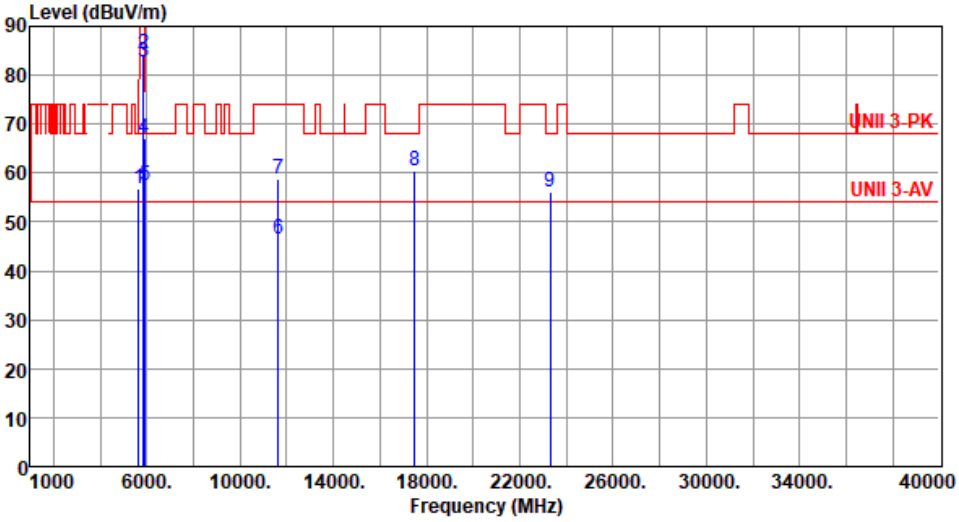


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	56.55	68.20	-11.65	56.41	0.14	Peak	100	80
2	5925.00	56.25	68.20	-11.95	55.18	1.07	Peak	100	80
3	11570.00	48.72	54.00	-5.28	41.77	6.95	Average	100	195
4	11570.00	62.51	74.00	-11.49	55.56	6.95	Peak	100	195
5	17355.00	61.09	68.20	-7.11	54.87	6.22	Peak	100	161
6	23140.00	65.39	68.20	-2.81	59.16	6.23	Peak	197	7

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

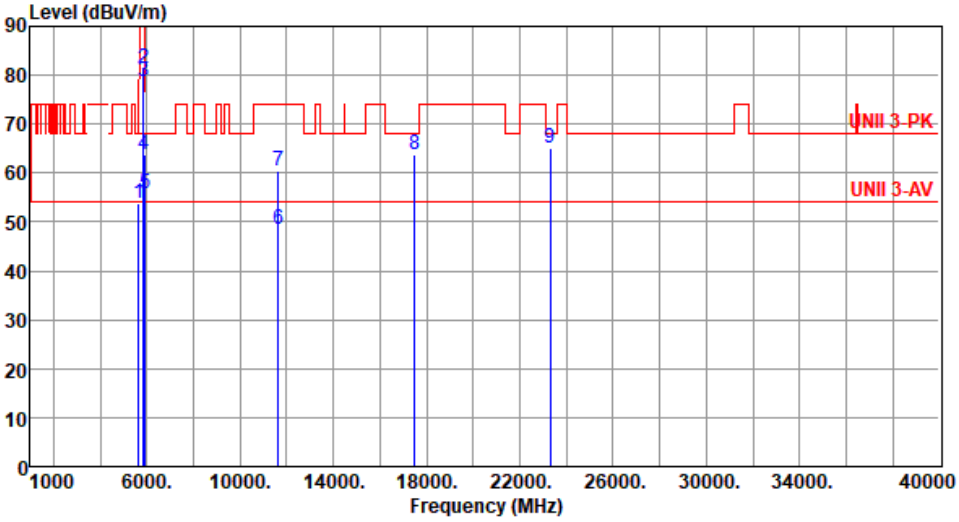


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	56.86	68.20	-11.34	56.72	0.14	Peak	100	348
2	5850.00	84.47	122.20	-37.73	83.72	0.75	Peak	100	348
3	5855.00	82.82	110.80	-27.98	82.04	0.78	Peak	100	348
4	5875.00	67.12	105.20	-38.08	66.25	0.87	Peak	100	348
5	5925.00	57.38	68.20	-10.82	56.31	1.07	Peak	100	348
6	11650.00	46.55	54.00	-7.45	39.88	6.67	Average	100	246
7	11650.00	58.81	74.00	-15.19	52.14	6.67	Peak	100	246
8	17475.00	60.47	68.20	-7.73	53.89	6.58	Peak	100	128
9	23300.00	56.27	68.20	-11.93	49.97	6.30	Peak	100	198

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	11a	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65



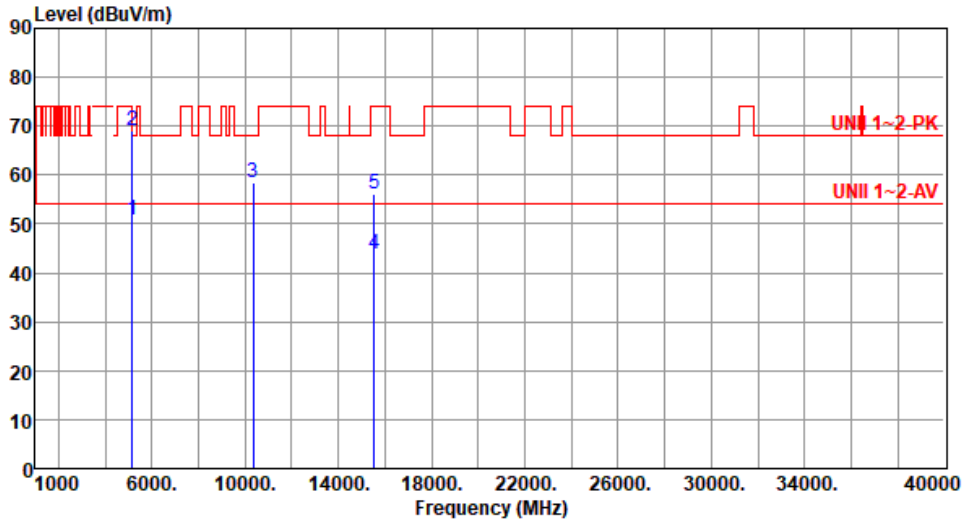
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	53.94	68.20	-14.26	53.80	0.14	Peak	100	86
2	5850.00	81.30	122.20	-40.90	80.55	0.75	Peak	100	86
3	5855.00	78.73	110.80	-32.07	77.95	0.78	Peak	100	86
4	5875.00	63.63	105.20	-41.57	62.76	0.87	Peak	100	86
5	5925.00	55.89	68.20	-12.31	54.82	1.07	Peak	100	86
6	11650.00	48.36	54.00	-5.64	41.69	6.67	Average	100	195
7	11650.00	60.52	74.00	-13.48	53.85	6.67	Peak	100	195
8	17475.00	63.78	68.20	-4.42	57.20	6.58	Peak	255	10
9	23300.00	65.04	68.20	-3.16	58.74	6.30	Peak	198	7

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5180
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

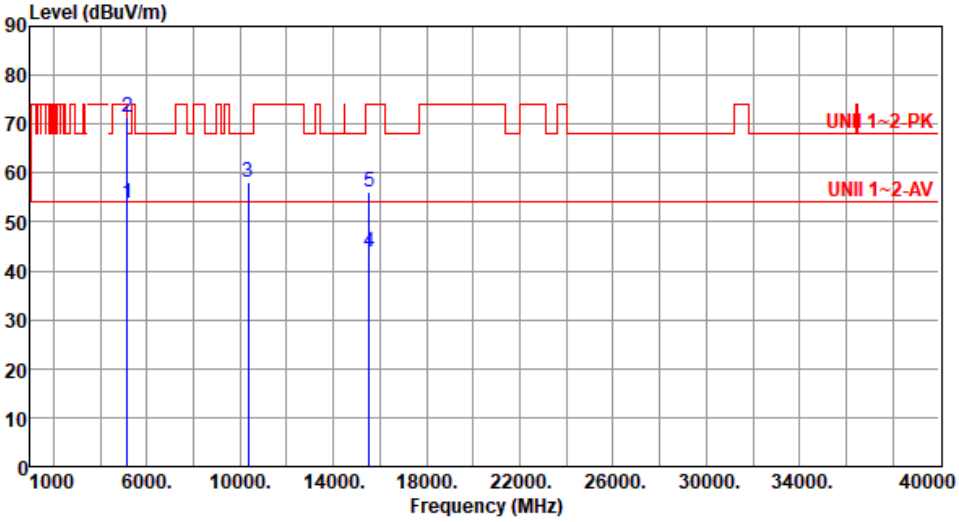


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	50.96	54.00	-3.04	50.82	0.14	Average	100	328
2	5150.00	69.24	74.00	-4.76	69.10	0.14	Peak	100	328
3	10360.00	58.44	68.20	-9.76	51.43	7.01	Peak	195	124
4	15540.00	43.87	54.00	-10.13	39.82	4.05	Average	100	309
5	15540.00	56.08	74.00	-17.92	52.03	4.05	Peak	100	309

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5180
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

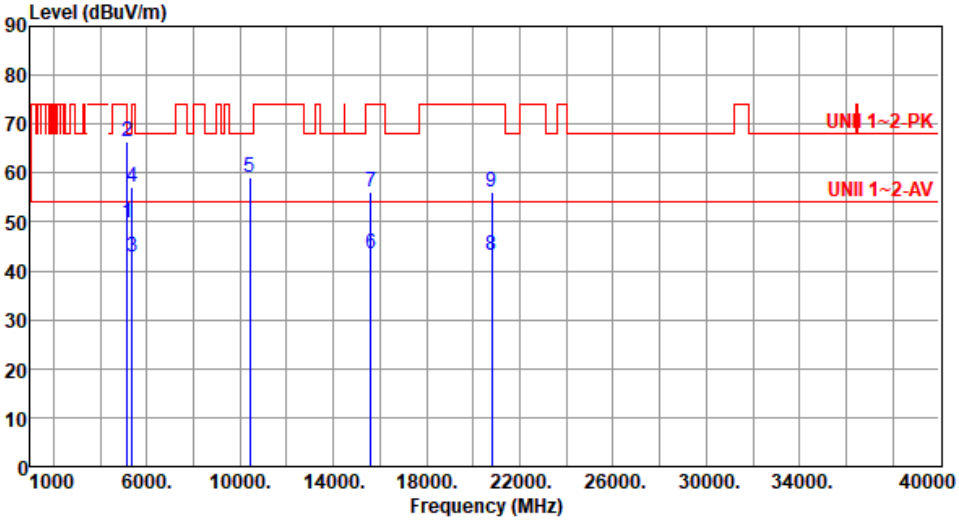


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.77	54.00	-0.23	53.63	0.14	Average	100	15
2	5150.00	71.52	74.00	-2.48	71.38	0.14	Peak	100	15
3	10360.00	58.12	68.20	-10.08	51.11	7.01	Peak	100	79
4	15540.00	43.84	54.00	-10.16	39.79	4.05	Average	100	121
5	15540.00	56.18	74.00	-17.82	52.13	4.05	Peak	100	121

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

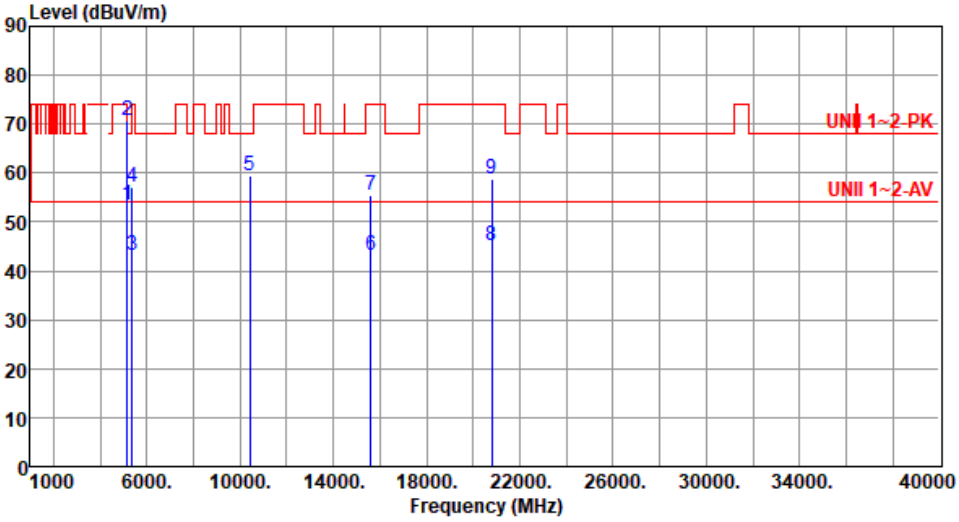


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.74	54.00	-4.26	49.60	0.14	Average	100	326
2	5150.00	66.46	74.00	-7.54	66.32	0.14	Peak	100	326
3	5350.00	42.77	54.00	-11.23	43.06	-0.29	Average	100	326
4	5350.00	57.09	74.00	-16.91	57.38	-0.29	Peak	100	326
5	10400.00	58.98	68.20	-9.22	51.87	7.11	Peak	100	132
6	15600.00	43.44	54.00	-10.56	39.59	3.85	Average	100	301
7	15600.00	56.16	74.00	-17.84	52.31	3.85	Peak	100	301
8	20800.00	43.21	54.00	-10.79	40.68	2.53	Average	100	127
9	20800.00	56.05	74.00	-17.95	53.52	2.53	Peak	100	127

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

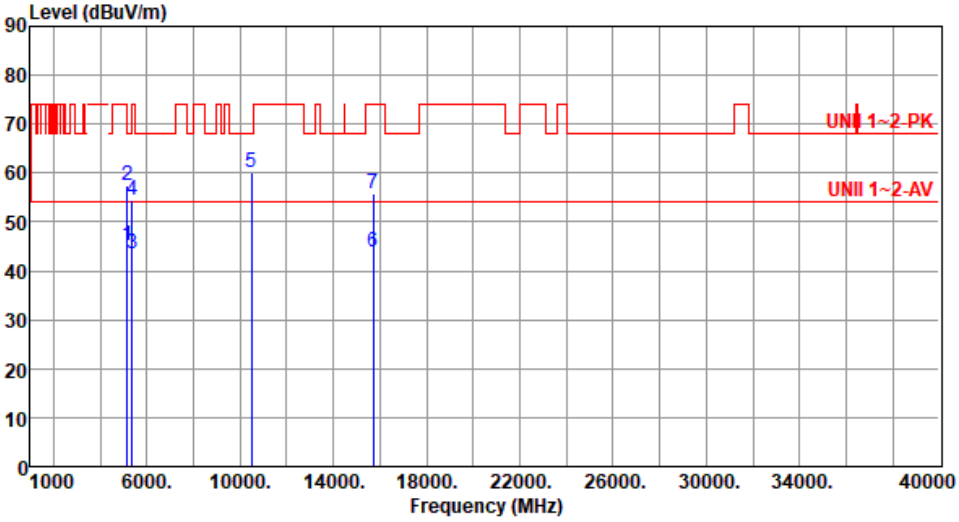


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.59	54.00	-0.41	53.45	0.14	Average	100	15
2	5150.00	70.76	74.00	-3.24	70.62	0.14	Peak	100	15
3	5350.00	43.09	54.00	-10.91	43.38	-0.29	Average	100	15
4	5350.00	57.07	74.00	-16.93	57.36	-0.29	Peak	100	15
5	10400.00	59.50	68.20	-8.70	52.39	7.11	Peak	100	74
6	15600.00	43.12	54.00	-10.88	39.27	3.85	Average	100	125
7	15600.00	55.33	74.00	-18.67	51.48	3.85	Peak	100	125
8	20800.00	45.33	54.00	-8.67	42.80	2.53	Average	100	355
9	20800.00	58.78	74.00	-15.22	56.25	2.53	Peak	100	355

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

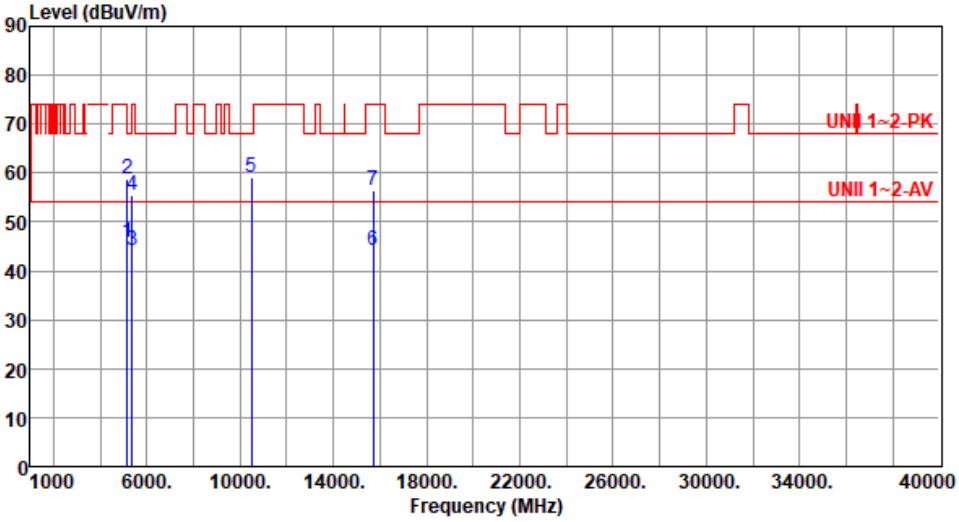


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.02	54.00	-8.98	44.88	0.14	Average	100	326
2	5150.00	57.48	74.00	-16.52	57.34	0.14	Peak	100	326
3	5350.00	43.45	54.00	-10.55	43.74	-0.29	Average	100	326
4	5350.00	54.61	74.00	-19.39	54.90	-0.29	Peak	100	326
5	10480.00	60.06	68.20	-8.14	52.89	7.17	Peak	205	131
6	15720.00	43.75	54.00	-10.25	39.92	3.83	Average	100	294
7	15720.00	55.71	74.00	-18.29	51.88	3.83	Peak	100	294

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

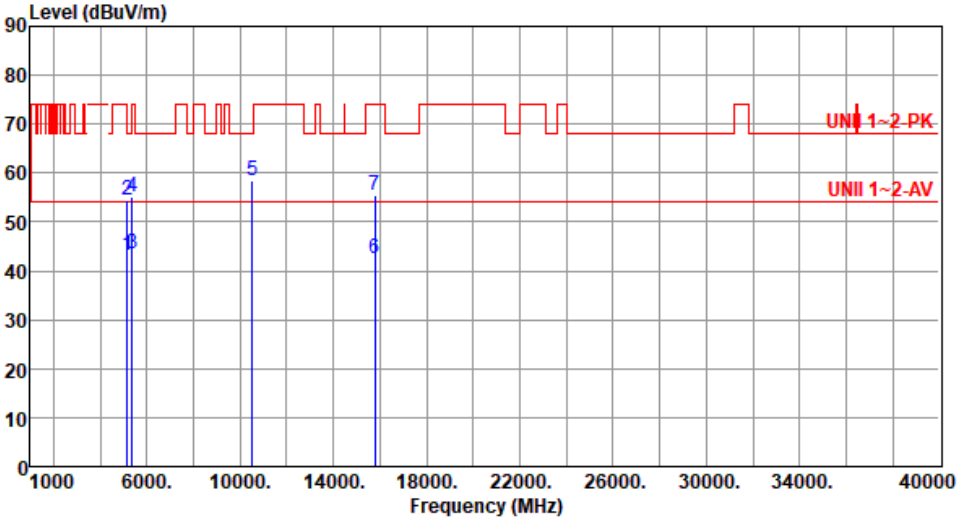


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.72	54.00	-8.28	45.58	0.14	Average	100	22
2	5150.00	58.84	74.00	-15.16	58.70	0.14	Peak	100	22
3	5350.00	44.14	54.00	-9.86	44.43	-0.29	Average	100	22
4	5350.00	55.46	74.00	-18.54	55.75	-0.29	Peak	100	22
5	10480.00	59.14	68.20	-9.06	51.97	7.17	Peak	100	65
6	15720.00	44.19	54.00	-9.81	40.36	3.83	Average	100	114
7	15720.00	56.58	74.00	-17.42	52.75	3.83	Peak	100	114

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5260
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

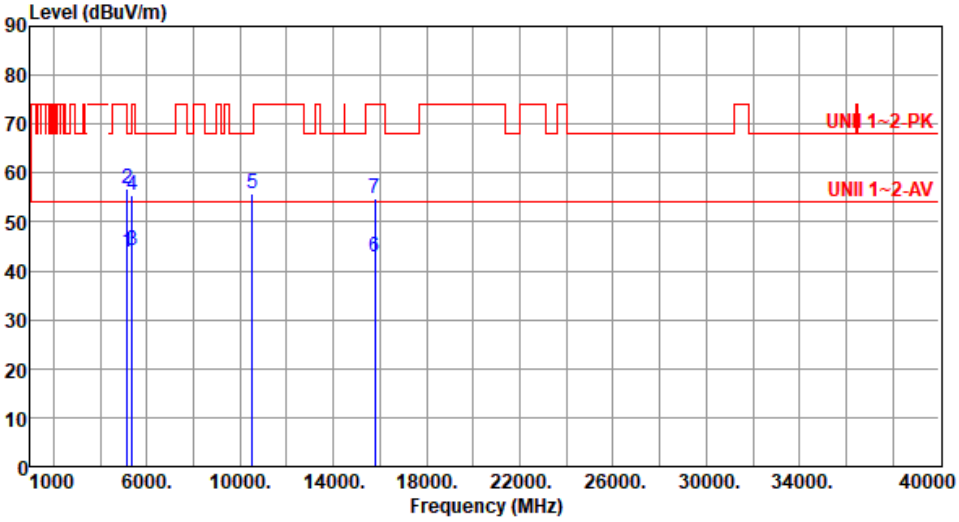


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.04	54.00	-10.96	42.90	0.14	Average	100	5
2	5150.00	54.46	74.00	-19.54	54.32	0.14	Peak	100	5
3	5350.00	43.62	54.00	-10.38	43.91	-0.29	Average	100	5
4	5350.00	55.16	74.00	-18.84	55.45	-0.29	Peak	100	5
5	10520.00	58.45	68.20	-9.75	51.26	7.19	Peak	211	136
6	15780.00	42.54	54.00	-11.46	38.67	3.87	Average	100	209
7	15780.00	55.48	74.00	-18.52	51.61	3.87	Peak	100	209

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5260
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

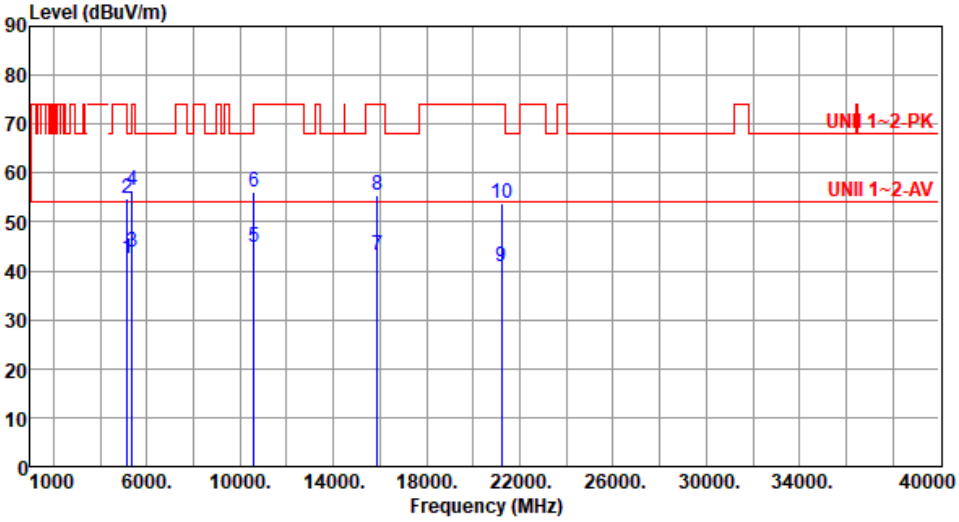


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.84	54.00	-10.16	43.70	0.14	Average	100	28
2	5150.00	56.63	74.00	-17.37	56.49	0.14	Peak	100	28
3	5350.00	44.06	54.00	-9.94	44.35	-0.29	Average	100	28
4	5350.00	55.34	74.00	-18.66	55.63	-0.29	Peak	100	28
5	10520.00	55.81	68.20	-12.39	48.62	7.19	Peak	100	79
6	15780.00	42.98	54.00	-11.02	39.11	3.87	Average	100	151
7	15780.00	54.68	74.00	-19.32	50.81	3.87	Peak	100	151

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5300
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

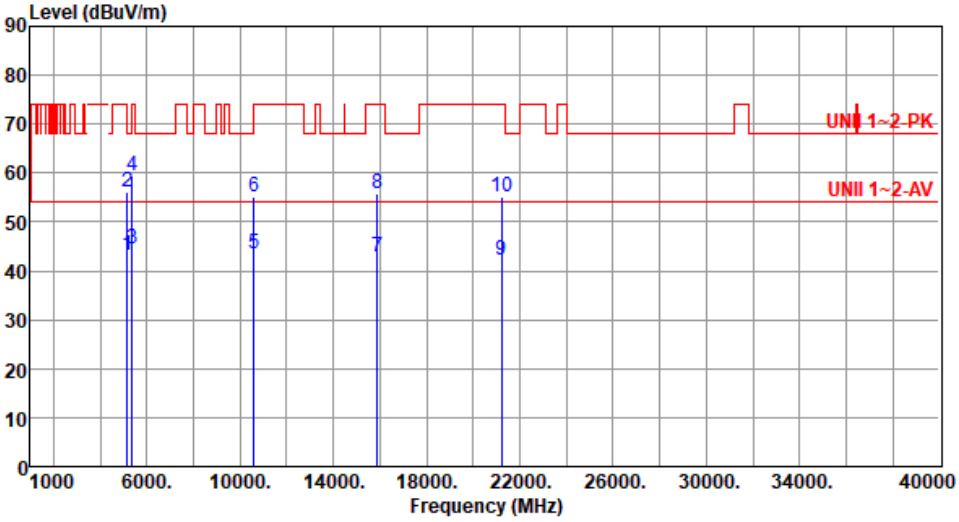


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	42.47	54.00	-11.53	42.33	0.14	Average	100	2
2	5150.00	54.85	74.00	-19.15	54.71	0.14	Peak	100	2
3	5350.00	43.73	54.00	-10.27	44.02	-0.29	Average	100	2
4	5350.00	56.61	74.00	-17.39	56.90	-0.29	Peak	100	2
5	10600.00	44.70	54.00	-9.30	37.53	7.17	Average	100	129
6	10600.00	56.07	74.00	-17.93	48.90	7.17	Peak	100	129
7	15900.00	43.13	54.00	-10.87	39.08	4.05	Average	100	227
8	15900.00	55.57	74.00	-18.43	51.52	4.05	Peak	100	227
9	21200.00	40.70	54.00	-13.30	37.41	3.29	Average	100	192
10	21200.00	53.70	74.00	-20.30	50.41	3.29	Peak	100	192

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5300
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

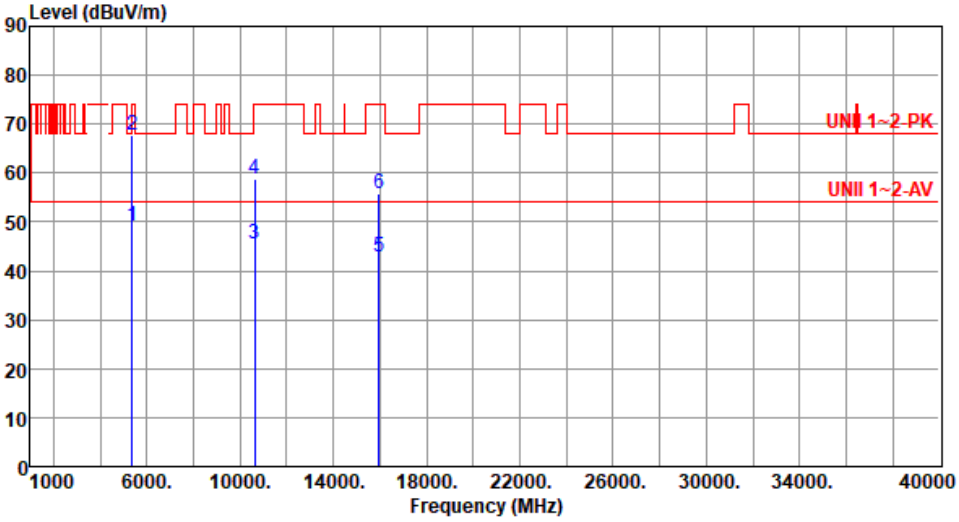


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.32	54.00	-10.68	43.18	0.14	Average	100	19
2	5150.00	56.24	74.00	-17.76	56.10	0.14	Peak	100	19
3	5350.00	44.52	54.00	-9.48	44.81	-0.29	Average	100	19
4	5350.00	59.42	74.00	-14.58	59.71	-0.29	Peak	100	19
5	10600.00	43.41	54.00	-10.59	36.24	7.17	Average	100	164
6	10600.00	55.02	74.00	-18.98	47.85	7.17	Peak	100	164
7	15900.00	42.99	54.00	-11.01	38.94	4.05	Average	100	148
8	15900.00	55.81	74.00	-18.19	51.76	4.05	Peak	100	148
9	21200.00	42.11	54.00	-11.89	38.82	3.29	Average	100	3
10	21200.00	55.06	74.00	-18.94	51.77	3.29	Peak	100	3

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5320
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

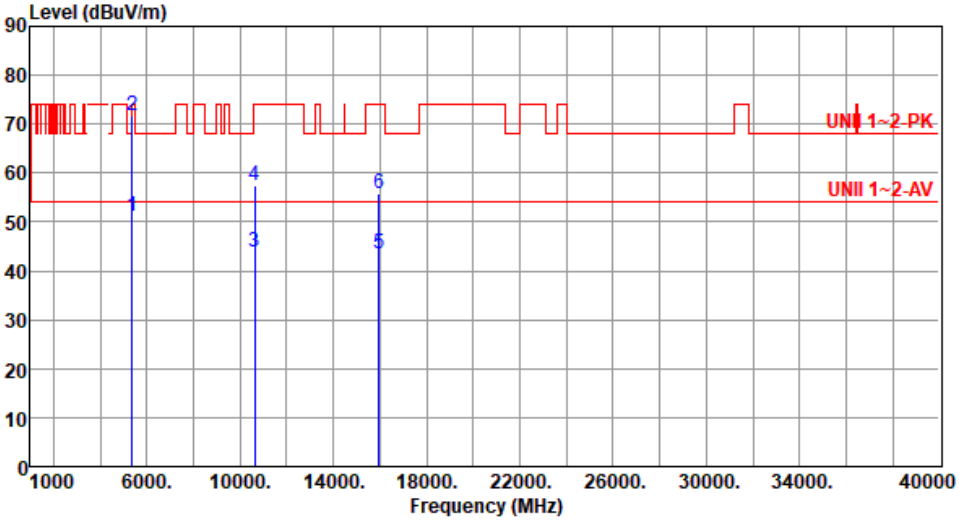


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	49.08	54.00	-4.92	49.37	-0.29	Average	100	3
2	5350.00	67.89	74.00	-6.11	68.18	-0.29	Peak	100	3
3	10640.00	45.54	54.00	-8.46	38.42	7.12	Average	211	129
4	10640.00	58.65	74.00	-15.35	51.53	7.12	Peak	211	129
5	15960.00	42.95	54.00	-11.05	38.92	4.03	Average	100	203
6	15960.00	55.91	74.00	-18.09	51.88	4.03	Peak	100	203

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5320
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

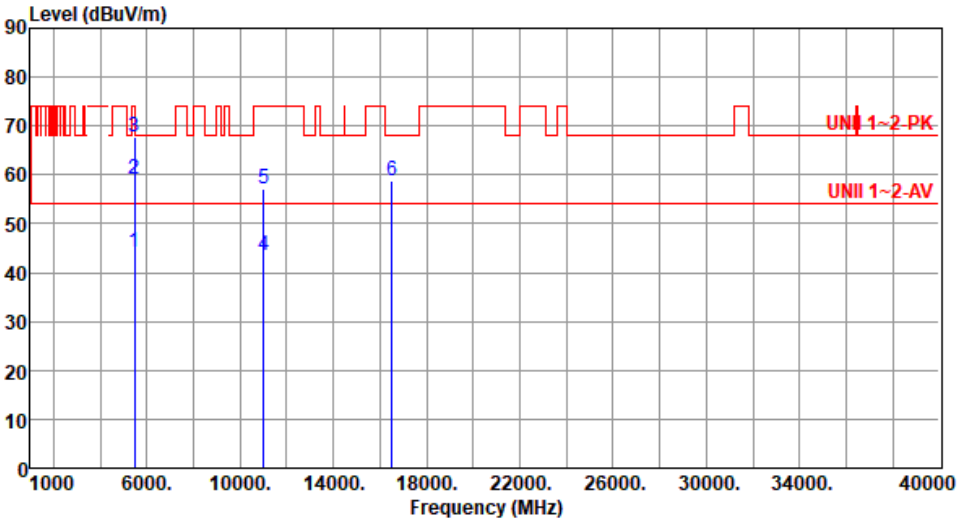


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	51.25	54.00	-2.75	51.54	-0.29	Average	100	20
2	5350.00	71.82	74.00	-2.18	72.11	-0.29	Peak	100	20
3	10640.00	43.82	54.00	-10.18	36.70	7.12	Average	100	79
4	10640.00	57.51	74.00	-16.49	50.39	7.12	Peak	100	79
5	15960.00	43.44	54.00	-10.56	39.41	4.03	Average	100	129
6	15960.00	55.65	74.00	-18.35	51.62	4.03	Peak	100	129

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5500
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

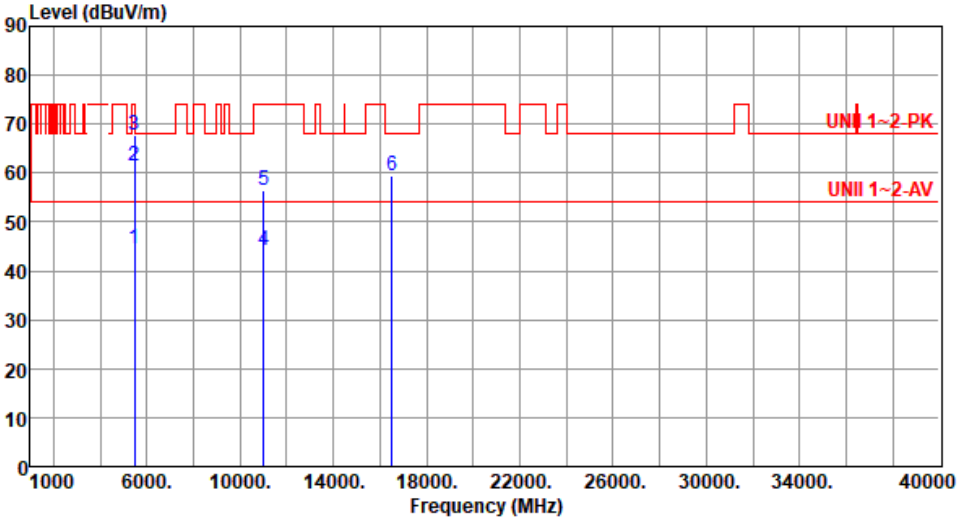


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.16	54.00	-9.84	44.19	-0.03	Average	100	354
2	5460.00	59.28	74.00	-14.72	59.31	-0.03	Peak	100	354
3	5470.00	67.68	68.20	-0.52	67.69	-0.01	Peak	100	354
4	11000.00	43.44	54.00	-10.56	35.95	7.49	Average	100	205
5	11000.00	57.18	74.00	-16.82	49.69	7.49	Peak	100	205
6	16500.00	58.69	68.20	-9.51	52.70	5.99	Peak	100	94

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5500
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

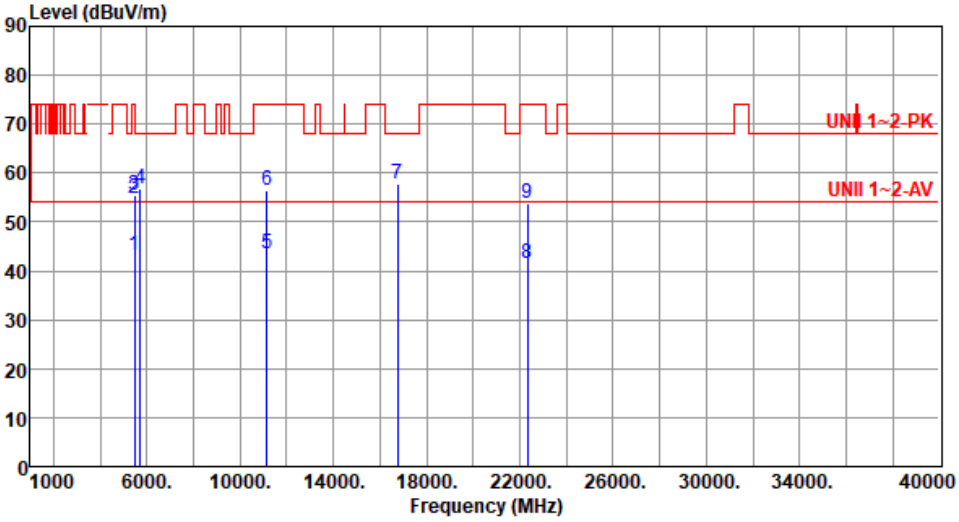


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.36	54.00	-9.64	44.39	-0.03	Average	100	18
2	5460.00	61.43	74.00	-12.57	61.46	-0.03	Peak	100	18
3	5470.00	67.73	68.20	-0.47	67.74	-0.01	Peak	100	18
4	11000.00	44.13	54.00	-9.87	36.64	7.49	Average	129	168
5	11000.00	56.49	74.00	-17.51	49.00	7.49	Peak	129	168
6	16500.00	59.32	68.20	-8.88	53.33	5.99	Peak	100	121

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5580
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

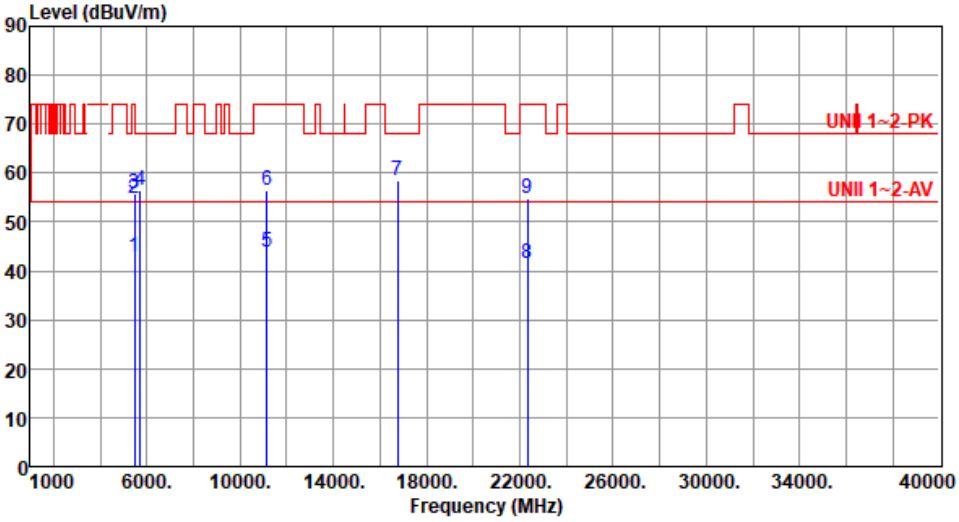


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.22	54.00	-10.78	43.25	-0.03	Average	100	357
2	5460.00	54.95	74.00	-19.05	54.98	-0.03	Peak	100	357
3	5470.00	55.50	68.20	-12.70	55.51	-0.01	Peak	100	357
4	5725.00	56.75	68.20	-11.45	56.27	0.48	Peak	100	357
5	11160.00	43.60	54.00	-10.40	36.67	6.93	Average	100	288
6	11160.00	56.56	74.00	-17.44	49.63	6.93	Peak	100	288
7	16740.00	57.66	68.20	-10.54	51.31	6.35	Peak	100	248
8	22320.00	41.47	54.00	-12.53	36.90	4.57	Average	100	128
9	22320.00	53.81	74.00	-20.19	49.24	4.57	Peak	100	128

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5580
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

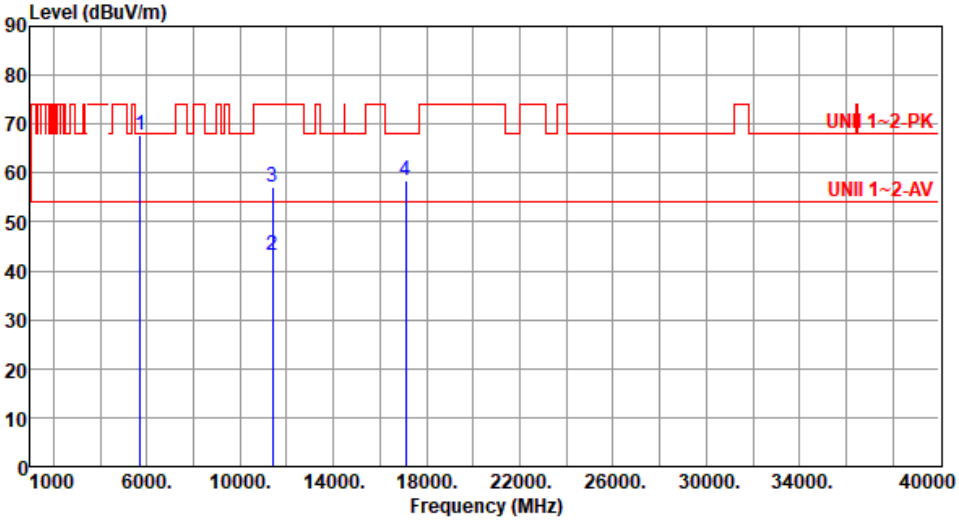


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	42.76	54.00	-11.24	42.79	-0.03	Average	100	3
2	5460.00	54.93	74.00	-19.07	54.96	-0.03	Peak	100	3
3	5470.00	55.83	68.20	-12.37	55.84	-0.01	Peak	100	3
4	5725.00	56.53	68.20	-11.67	56.05	0.48	Peak	100	3
5	11160.00	43.88	54.00	-10.12	36.95	6.93	Average	100	43
6	11160.00	56.44	74.00	-17.56	49.51	6.93	Peak	100	43
7	16740.00	58.37	68.20	-9.83	52.02	6.35	Peak	100	155
8	22320.00	41.35	54.00	-12.65	36.78	4.57	Average	100	10
9	22320.00	54.67	74.00	-19.33	50.10	4.57	Peak	100	10

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5700
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

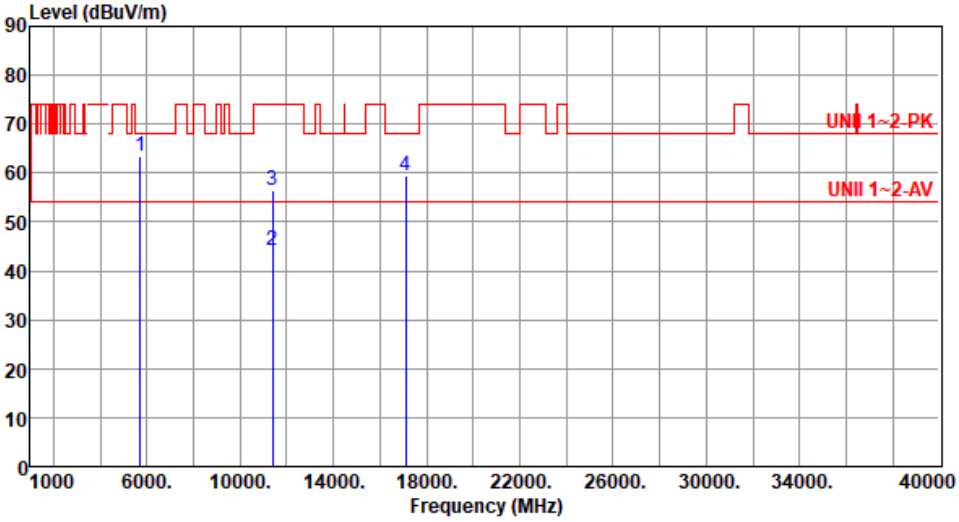


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	67.73	68.20	-0.47	67.25	0.48	Peak	100	353
2	11400.00	43.29	54.00	-10.71	36.27	7.02	Average	100	231
3	11400.00	57.14	74.00	-16.86	50.12	7.02	Peak	100	231
4	17100.00	58.42	68.20	-9.78	52.47	5.95	Peak	100	79

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5700
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

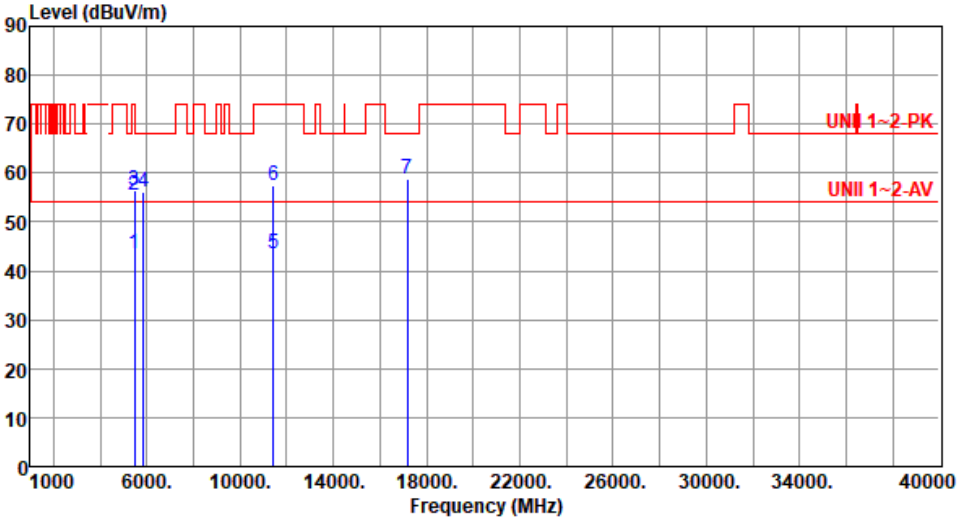


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	63.43	68.20	-4.77	62.95	0.48	Peak	100	5
2	11400.00	44.17	54.00	-9.83	37.15	7.02	Average	126	154
3	11400.00	56.55	74.00	-17.45	49.53	7.02	Peak	126	154
4	17100.00	59.34	68.20	-8.86	53.39	5.95	Peak	100	105

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5720
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

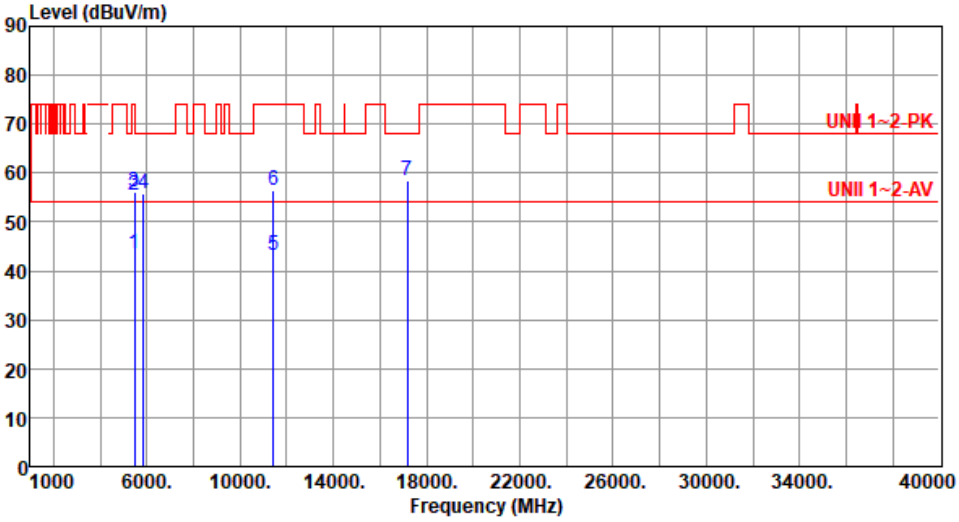


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.51	54.00	-10.49	43.54	-0.03	Average	100	351
2	5460.00	55.56	74.00	-18.44	55.59	-0.03	Peak	100	351
3	5470.00	56.38	68.20	-11.82	56.39	-0.01	Peak	100	351
4	5850.00	56.12	68.20	-12.08	55.37	0.75	Peak	100	351
5	11440.00	43.52	54.00	-10.48	36.44	7.08	Average	100	224
6	11440.00	57.44	74.00	-16.56	50.36	7.08	Peak	100	224
7	17160.00	58.84	68.20	-9.36	52.78	6.06	Peak	100	85

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5720
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

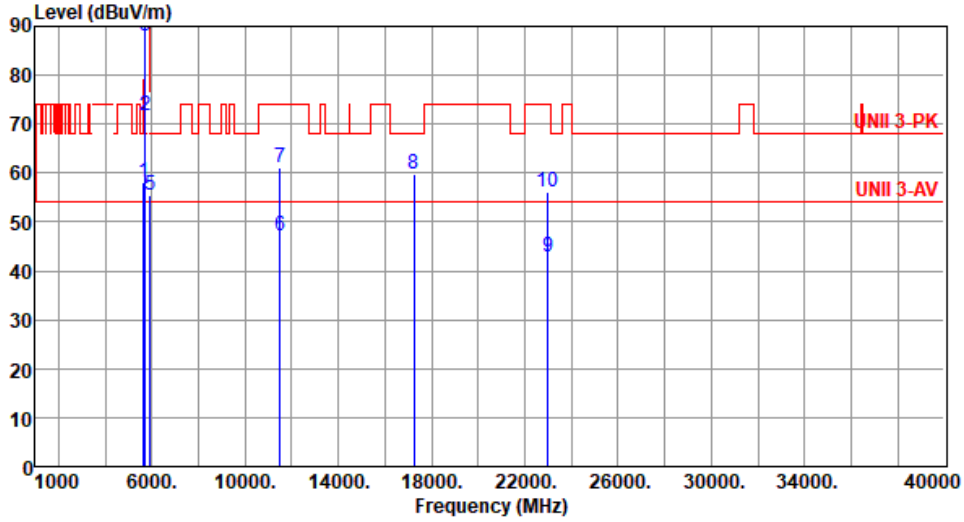


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.62	54.00	-10.38	43.65	-0.03	Average	100	5
2	5460.00	55.31	74.00	-18.69	55.34	-0.03	Peak	100	5
3	5470.00	56.24	68.20	-11.96	56.25	-0.01	Peak	100	5
4	5850.00	55.63	68.20	-12.57	54.88	0.75	Peak	100	5
5	11440.00	43.20	54.00	-10.80	36.12	7.08	Average	100	57
6	11440.00	56.57	74.00	-17.43	49.49	7.08	Peak	100	57
7	17160.00	58.51	68.20	-9.69	52.45	6.06	Peak	100	173

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

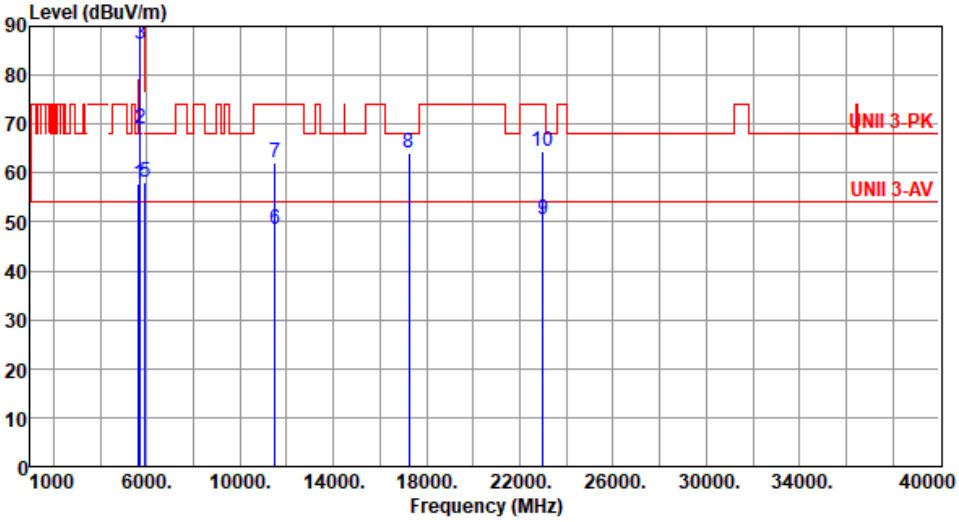


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	58.19	68.20	-10.01	58.05	0.14	Peak	100	355
2	5700.00	71.64	105.20	-33.56	71.28	0.36	Peak	100	355
3	5720.00	87.97	110.80	-22.83	87.51	0.46	Peak	100	355
4	5725.00	93.31	122.20	-28.89	92.83	0.48	Peak	100	355
5	5925.00	55.55	68.20	-12.65	54.48	1.07	Peak	100	355
6	11490.00	47.00	54.00	-7.00	39.83	7.17	Average	100	223
7	11490.00	61.19	74.00	-12.81	54.02	7.17	Peak	100	223
8	17235.00	59.84	68.20	-8.36	53.76	6.08	Peak	100	225
9	22980.00	42.71	54.00	-11.29	36.57	6.14	Average	100	199
10	22980.00	56.29	74.00	-17.71	50.15	6.14	Peak	100	199

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

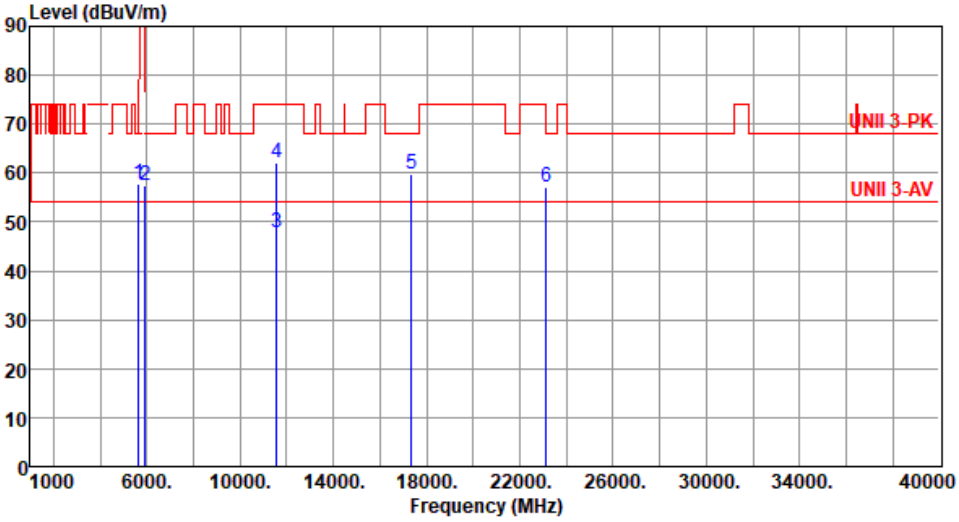


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	57.70	68.20	-10.50	57.56	0.14	Peak	100	72
2	5700.00	69.21	105.20	-35.99	68.85	0.36	Peak	100	72
3	5720.00	86.20	110.80	-24.60	85.74	0.46	Peak	100	72
4	5725.00	92.55	122.20	-29.65	92.07	0.48	Peak	100	72
5	5925.00	58.09	68.20	-10.11	57.02	1.07	Peak	100	72
6	11490.00	48.33	54.00	-5.67	41.16	7.17	Average	100	189
7	11490.00	62.00	74.00	-12.00	54.83	7.17	Peak	100	189
8	17235.00	64.11	68.20	-4.09	58.03	6.08	Peak	216	1
9	22980.00	50.32	54.00	-3.68	44.18	6.14	Average	194	8
10	22980.00	64.59	74.00	-9.41	58.45	6.14	Peak	194	8

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

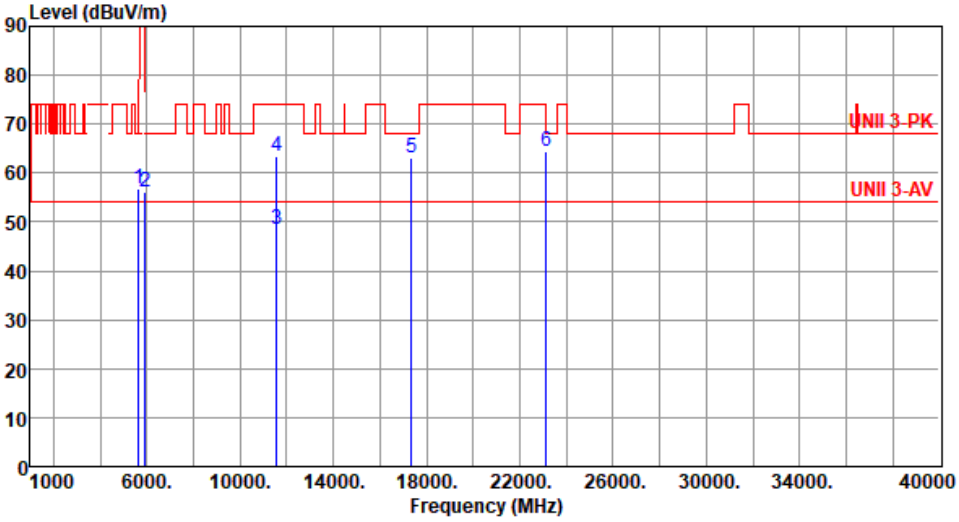


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	57.82	68.20	-10.38	57.68	0.14	Peak	100	351
2	5925.00	57.29	68.20	-10.91	56.22	1.07	Peak	100	351
3	11570.00	47.70	54.00	-6.30	40.75	6.95	Average	100	245
4	11570.00	62.17	74.00	-11.83	55.22	6.95	Peak	100	245
5	17355.00	59.92	68.20	-8.28	53.70	6.22	Peak	100	119
6	23140.00	57.00	68.20	-11.20	50.77	6.23	Peak	100	197

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

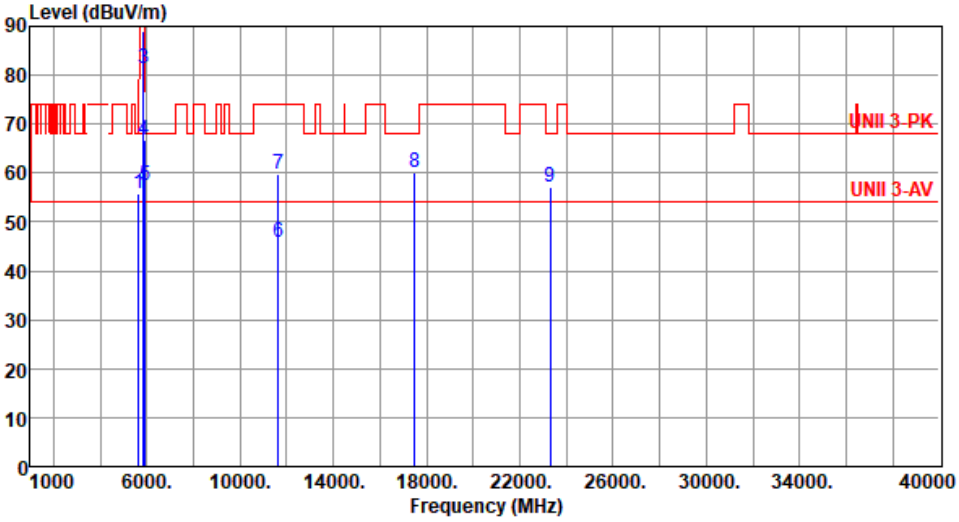


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	56.63	68.20	-11.57	56.49	0.14	Peak	100	74
2	5925.00	56.10	68.20	-12.10	55.03	1.07	Peak	100	74
3	11570.00	48.38	54.00	-5.62	41.43	6.95	Average	100	195
4	11570.00	63.29	74.00	-10.71	56.34	6.95	Peak	100	195
5	17355.00	62.99	68.20	-5.21	56.77	6.22	Peak	257	359
6	23140.00	64.45	68.20	-3.75	58.22	6.23	Peak	199	7

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

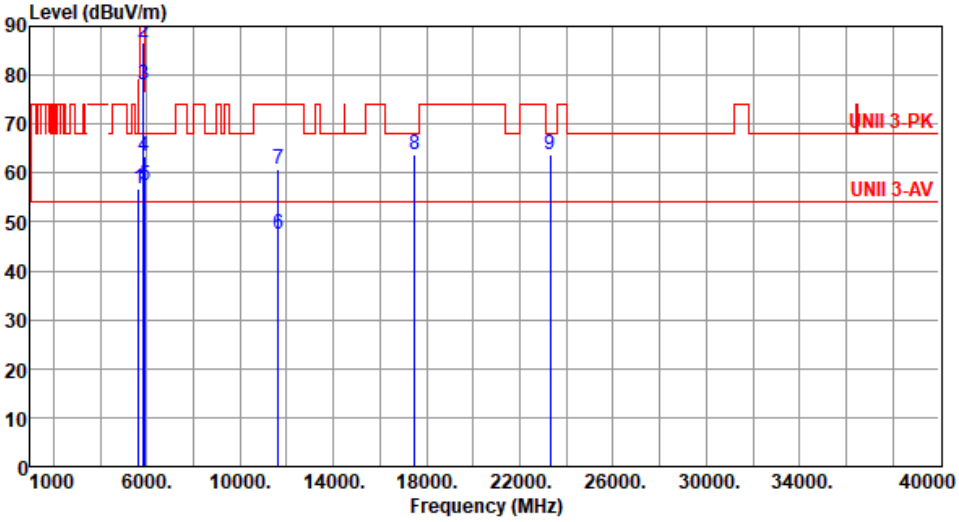


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	55.81	68.20	-12.39	55.67	0.14	Peak	100	353
2	5850.00	88.97	122.20	-33.23	88.22	0.75	Peak	100	353
3	5855.00	81.35	110.80	-29.45	80.57	0.78	Peak	100	353
4	5875.00	66.89	105.20	-38.31	66.02	0.87	Peak	100	353
5	5925.00	57.56	68.20	-10.64	56.49	1.07	Peak	100	353
6	11650.00	45.83	54.00	-8.17	39.16	6.67	Average	100	245
7	11650.00	59.84	74.00	-14.16	53.17	6.67	Peak	100	245
8	17475.00	60.01	68.20	-8.19	53.43	6.58	Peak	100	228
9	23300.00	57.05	68.20	-11.15	50.75	6.30	Peak	100	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65



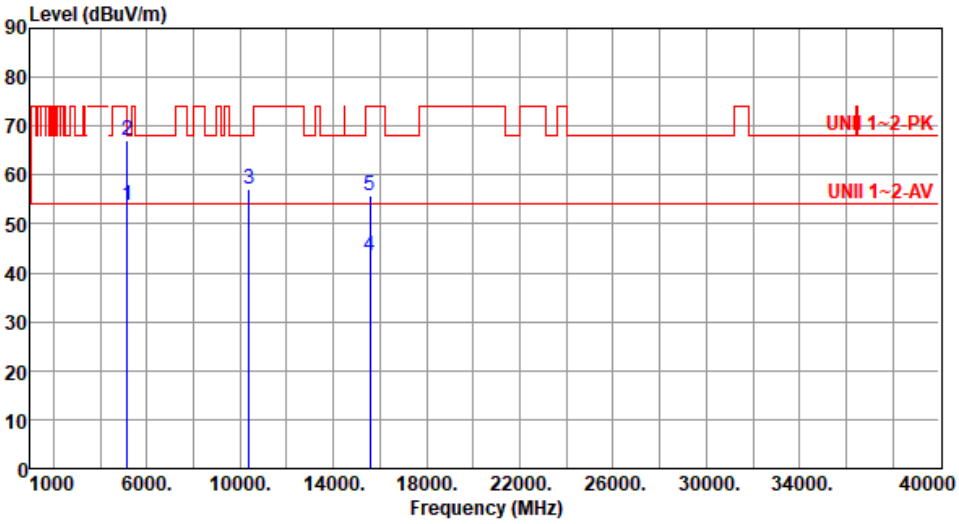
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	56.77	68.20	-11.43	56.63	0.14	Peak	100	75
2	5850.00	86.54	122.20	-35.66	85.79	0.75	Peak	100	75
3	5855.00	78.07	110.80	-32.73	77.29	0.78	Peak	100	75
4	5875.00	63.31	105.20	-41.89	62.44	0.87	Peak	100	75
5	5925.00	57.50	68.20	-10.70	56.43	1.07	Peak	100	75
6	11650.00	47.54	54.00	-6.46	40.87	6.67	Average	100	195
7	11650.00	60.78	74.00	-13.22	54.11	6.67	Peak	100	195
8	17475.00	63.84	68.20	-4.36	57.26	6.58	Peak	250	357
9	23300.00	63.65	68.20	-4.55	57.35	6.30	Peak	199	8

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE40-OFDMA

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5190
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

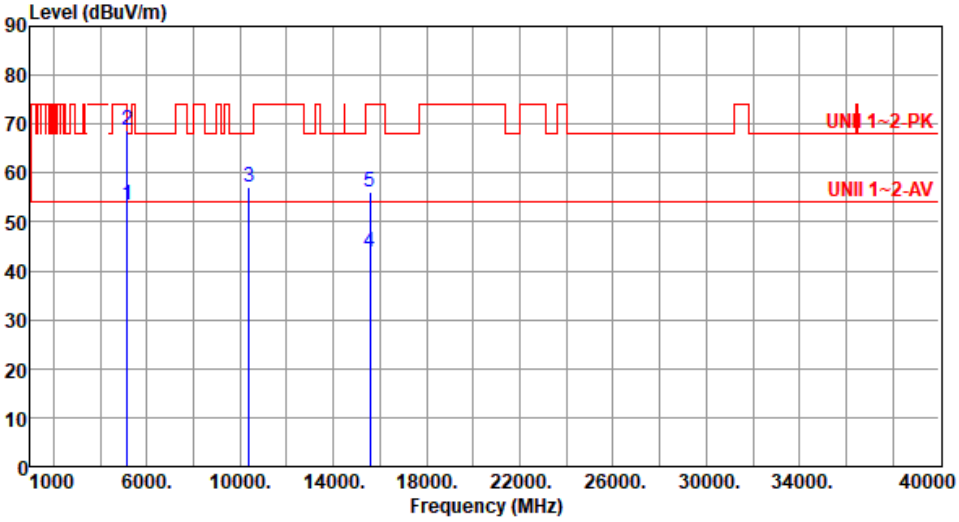


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.66	54.00	-0.34	53.52	0.14	Average	100	330
2	5150.00	67.21	74.00	-6.79	67.07	0.14	Peak	100	330
3	10380.00	57.04	68.20	-11.16	49.98	7.06	Peak	191	122
4	15570.00	43.62	54.00	-10.38	39.67	3.95	Average	100	311
5	15570.00	55.94	74.00	-18.06	51.99	3.95	Peak	100	311

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5190
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

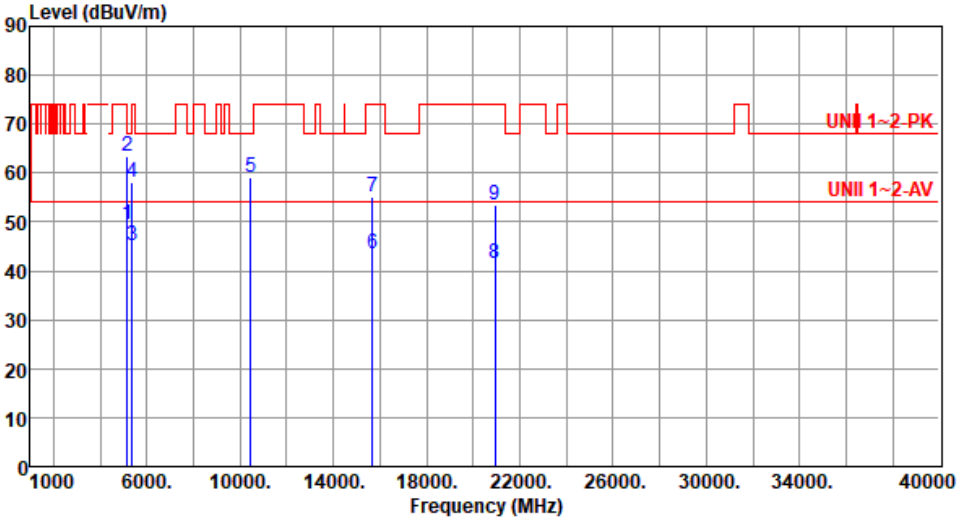


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.37	54.00	-0.63	53.23	0.14	Average	100	20
2	5150.00	68.82	74.00	-5.18	68.68	0.14	Peak	100	20
3	10380.00	57.04	68.20	-11.16	49.98	7.06	Peak	100	81
4	15570.00	43.79	54.00	-10.21	39.84	3.95	Average	100	125
5	15570.00	56.14	74.00	-17.86	52.19	3.95	Peak	100	125

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

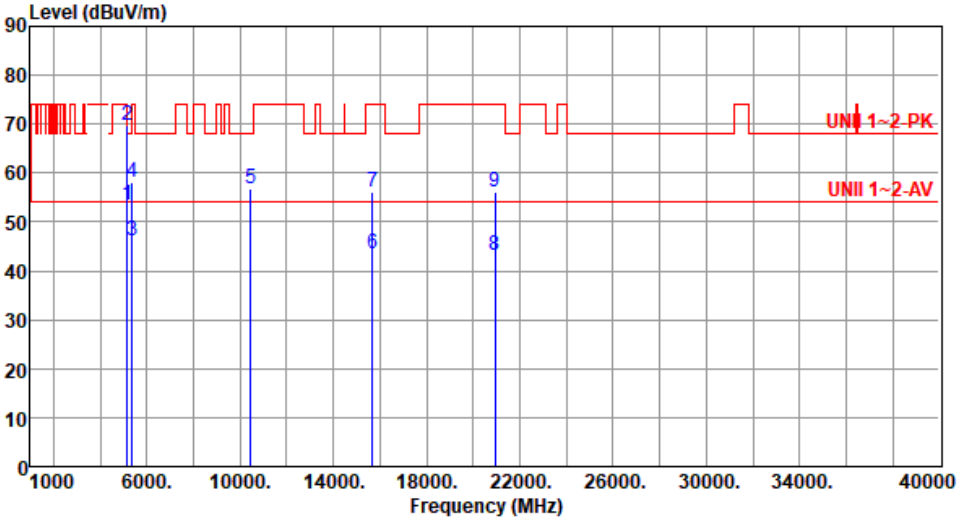


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.51	54.00	-4.49	49.37	0.14	Average	100	337
2	5150.00	63.33	74.00	-10.67	63.19	0.14	Peak	100	337
3	5350.00	45.14	54.00	-8.86	45.43	-0.29	Average	100	337
4	5350.00	58.08	74.00	-15.92	58.37	-0.29	Peak	100	337
5	10460.00	59.09	68.20	-9.11	51.93	7.16	Peak	100	127
6	15690.00	43.51	54.00	-10.49	39.69	3.82	Average	100	258
7	15690.00	55.21	74.00	-18.79	51.39	3.82	Peak	100	258
8	20920.00	41.38	54.00	-12.62	38.54	2.84	Average	100	130
9	20920.00	53.60	74.00	-20.40	50.76	2.84	Peak	100	130

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

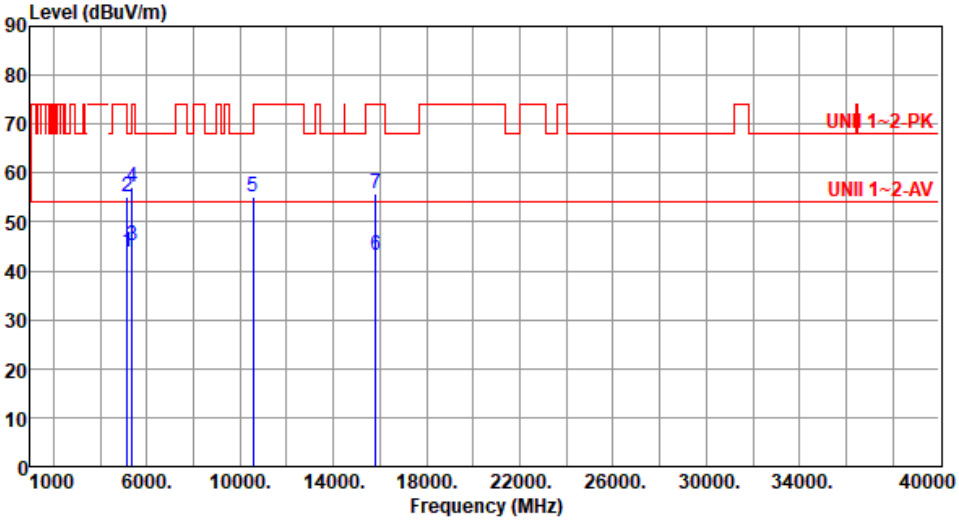


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.52	54.00	-0.48	53.38	0.14	Average	100	19
2	5150.00	69.83	74.00	-4.17	69.69	0.14	Peak	100	19
3	5350.00	46.12	54.00	-7.88	46.41	-0.29	Average	100	19
4	5350.00	58.08	74.00	-15.92	58.37	-0.29	Peak	100	19
5	10460.00	56.67	68.20	-11.53	49.51	7.16	Peak	100	77
6	15690.00	43.62	54.00	-10.38	39.80	3.82	Average	100	223
7	15690.00	56.02	74.00	-17.98	52.20	3.82	Peak	100	223
8	20920.00	43.07	54.00	-10.93	40.23	2.84	Average	100	354
9	20920.00	56.12	74.00	-17.88	53.28	2.84	Peak	100	354

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5270
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

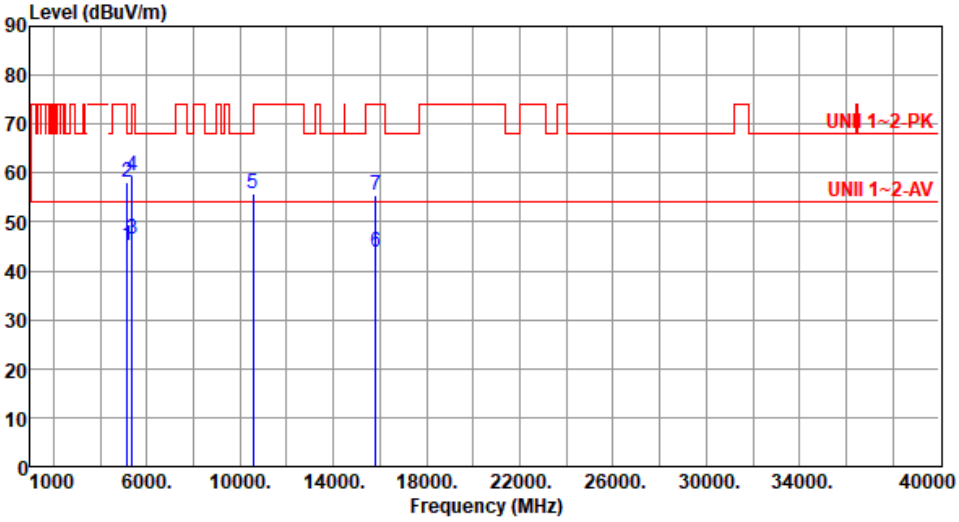


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.81	54.00	-10.19	43.67	0.14	Average	100	4
2	5150.00	55.28	74.00	-18.72	55.14	0.14	Peak	100	4
3	5350.00	45.26	54.00	-8.74	45.55	-0.29	Average	100	4
4	5350.00	57.03	74.00	-16.97	57.32	-0.29	Peak	100	4
5	10540.00	55.17	68.20	-13.03	47.99	7.18	Peak	100	126
6	15810.00	43.27	54.00	-10.73	39.37	3.90	Average	100	214
7	15810.00	55.64	74.00	-18.36	51.74	3.90	Peak	100	214

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5270
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

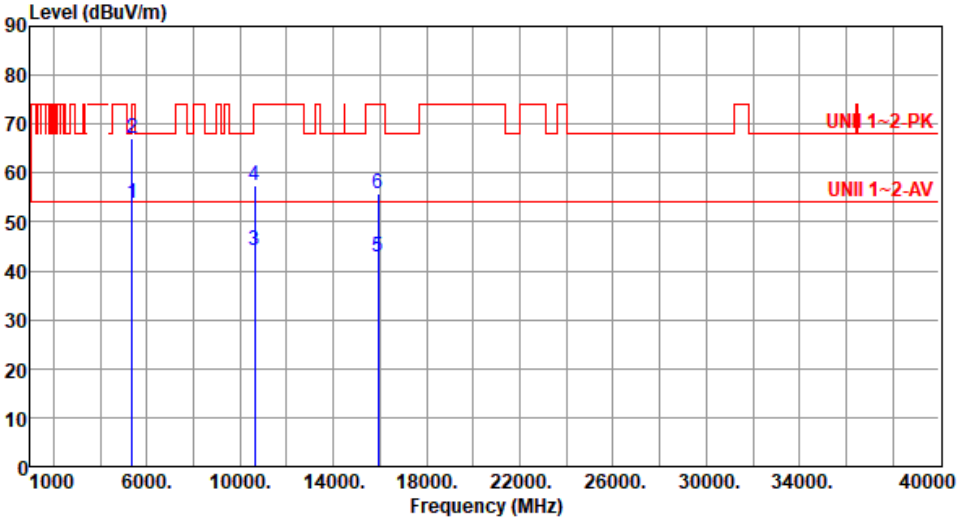


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.15	54.00	-8.85	45.01	0.14	Average	100	21
2	5150.00	58.02	74.00	-15.98	57.88	0.14	Peak	100	21
3	5350.00	46.40	54.00	-7.60	46.69	-0.29	Average	100	21
4	5350.00	59.60	74.00	-14.40	59.89	-0.29	Peak	100	21
5	10540.00	55.80	68.20	-12.40	48.62	7.18	Peak	100	74
6	15810.00	43.82	54.00	-10.18	39.92	3.90	Average	100	149
7	15810.00	55.32	74.00	-18.68	51.42	3.90	Peak	100	149

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5310
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

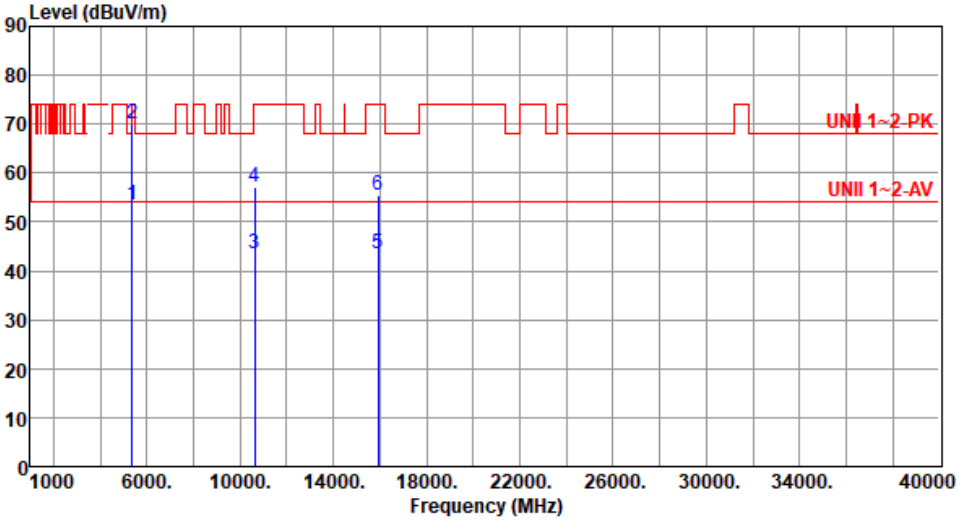


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	53.90	54.00	-0.10	54.19	-0.29	Average	100	350
2	5350.00	67.07	74.00	-6.93	67.36	-0.29	Peak	100	350
3	10620.00	44.21	54.00	-9.79	37.06	7.15	Average	210	135
4	10620.00	57.42	74.00	-16.58	50.27	7.15	Peak	210	135
5	15930.00	42.93	54.00	-11.07	38.88	4.05	Average	100	192
6	15930.00	55.86	74.00	-18.14	51.81	4.05	Peak	100	192

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5310
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

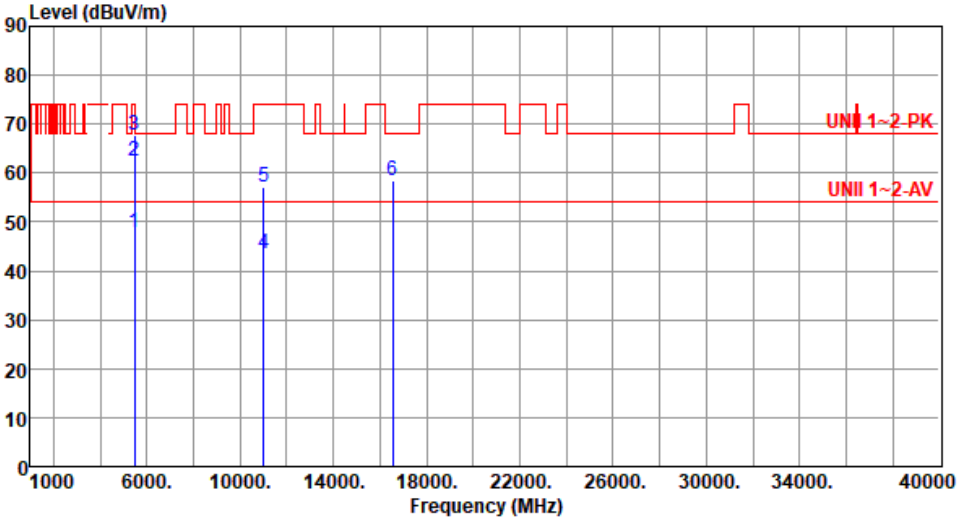


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	53.58	54.00	-0.42	53.87	-0.29	Average	100	20
2	5350.00	70.04	74.00	-3.96	70.33	-0.29	Peak	100	20
3	10620.00	43.45	54.00	-10.55	36.30	7.15	Average	100	82
4	10620.00	57.24	74.00	-16.76	50.09	7.15	Peak	100	82
5	15930.00	43.36	54.00	-10.64	39.31	4.05	Average	100	118
6	15930.00	55.42	74.00	-18.58	51.37	4.05	Peak	100	118

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5510
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

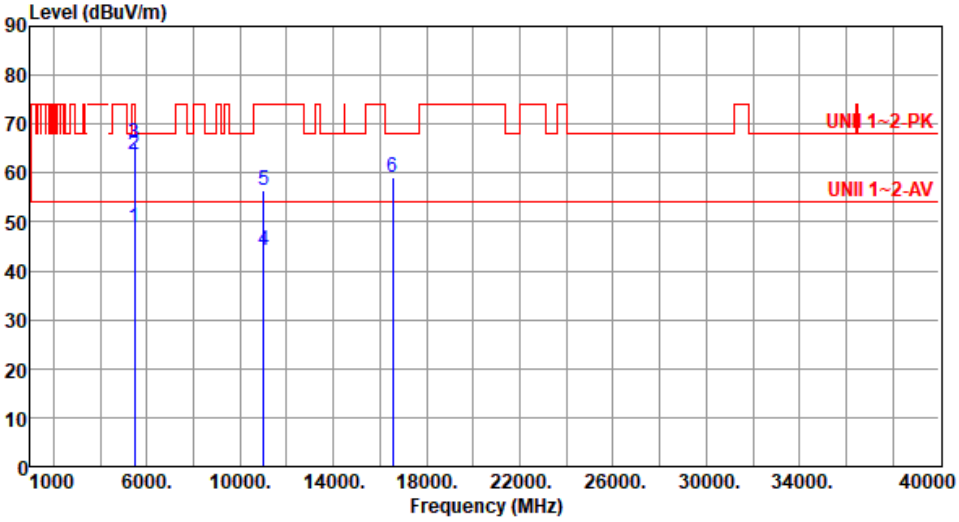


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.98	54.00	-6.02	48.01	-0.03	Average	100	354
2	5460.00	62.33	74.00	-11.67	62.36	-0.03	Peak	100	354
3	5470.00	67.75	68.20	-0.45	67.76	-0.01	Peak	100	354
4	11020.00	43.35	54.00	-10.65	35.91	7.44	Average	100	215
5	11020.00	57.06	74.00	-16.94	49.62	7.44	Peak	100	215
6	16530.00	58.52	68.20	-9.68	52.54	5.98	Peak	100	98

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5510
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

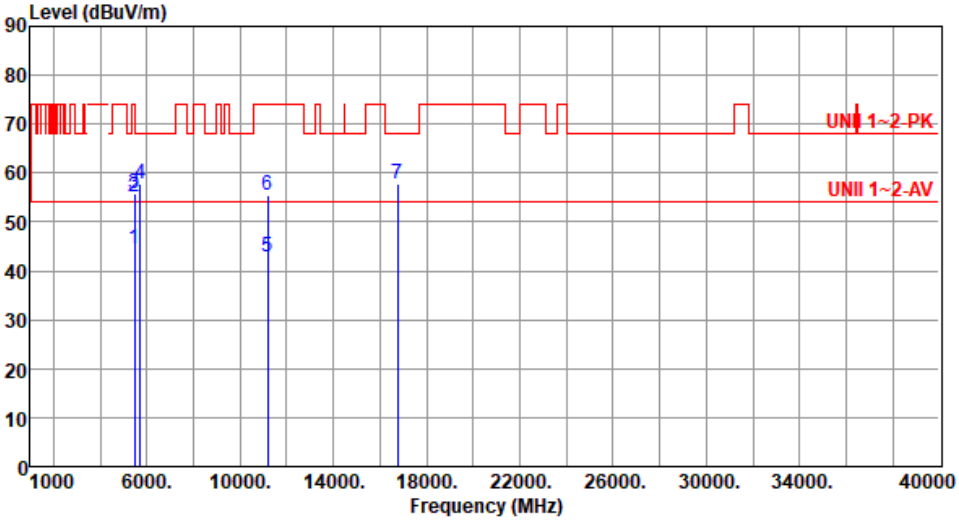


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	48.84	54.00	-5.16	48.87	-0.03	Average	100	15
2	5460.00	63.83	74.00	-10.17	63.86	-0.03	Peak	100	15
3	5470.00	66.23	68.20	-1.97	66.24	-0.01	Peak	100	15
4	11020.00	44.05	54.00	-9.95	36.61	7.44	Average	131	162
5	11020.00	56.34	74.00	-17.66	48.90	7.44	Peak	131	162
6	16530.00	59.25	68.20	-8.95	53.27	5.98	Peak	100	112

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5590
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

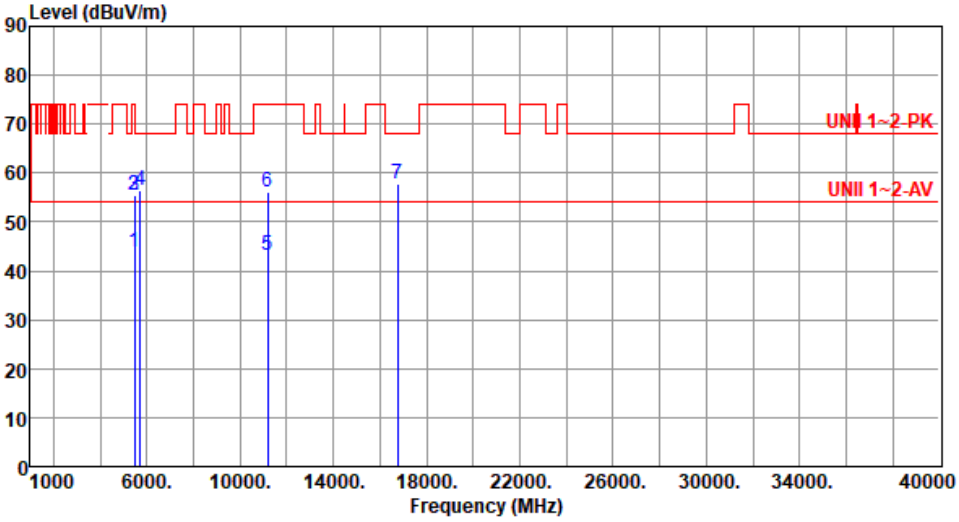


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.36	54.00	-9.64	44.39	-0.03	Average	100	355
2	5460.00	55.12	74.00	-18.88	55.15	-0.03	Peak	100	355
3	5470.00	55.71	68.20	-12.49	55.72	-0.01	Peak	100	355
4	5725.00	57.67	68.20	-10.53	57.19	0.48	Peak	100	355
5	11180.00	42.93	54.00	-11.07	36.11	6.82	Average	100	258
6	11180.00	55.39	74.00	-18.61	48.57	6.82	Peak	100	258
7	16770.00	57.93	68.20	-10.27	51.47	6.46	Peak	100	108

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5590
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

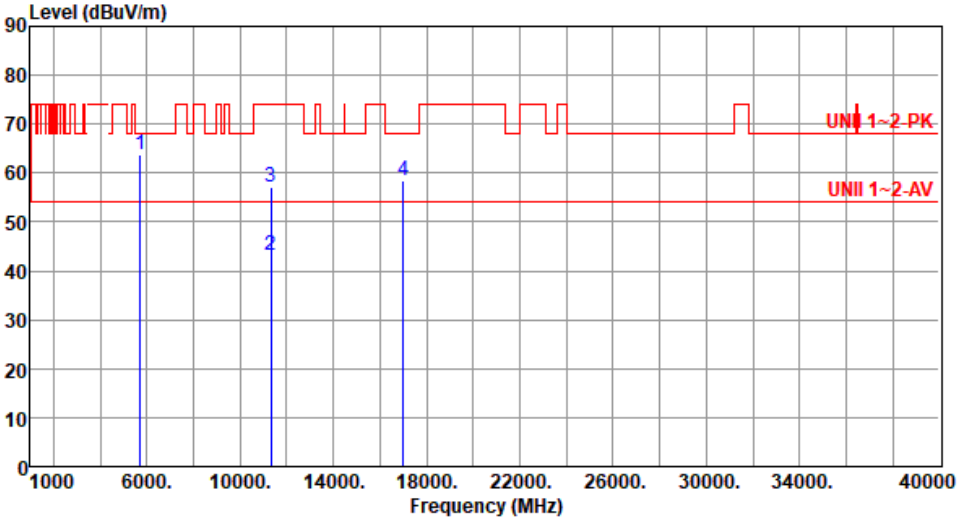


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.80	54.00	-10.20	43.83	-0.03	Average	100	7
2	5460.00	55.31	74.00	-18.69	55.34	-0.03	Peak	100	7
3	5470.00	55.51	68.20	-12.69	55.52	-0.01	Peak	100	7
4	5725.00	56.34	68.20	-11.86	55.86	0.48	Peak	100	7
5	11180.00	43.26	54.00	-10.74	36.44	6.82	Average	100	147
6	11180.00	56.04	74.00	-17.96	49.22	6.82	Peak	100	147
7	16770.00	57.91	68.20	-10.29	51.45	6.46	Peak	100	223

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5670
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

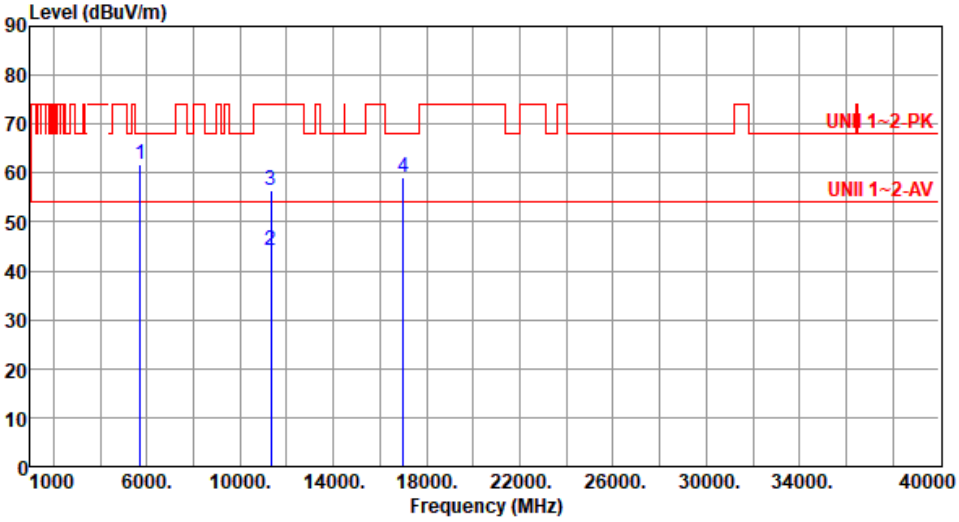


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	63.61	68.20	-4.59	63.13	0.48	Peak	100	354
2	11340.00	43.24	54.00	-10.76	36.38	6.86	Average	100	238
3	11340.00	57.16	74.00	-16.84	50.30	6.86	Peak	100	238
4	17010.00	58.39	68.20	-9.81	52.14	6.25	Peak	100	46

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5670
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

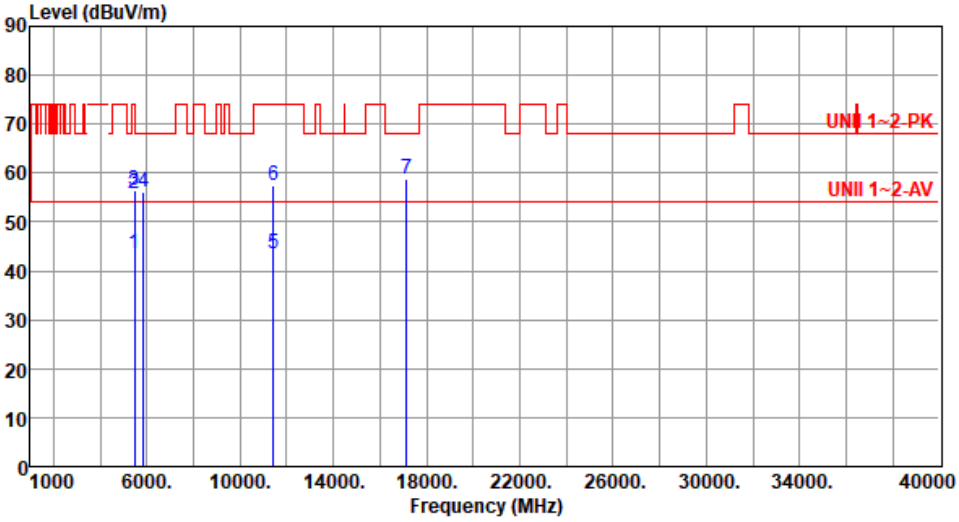


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	61.64	68.20	-6.56	61.16	0.48	Peak	100	8
2	11340.00	44.21	54.00	-9.79	37.35	6.86	Average	122	135
3	11340.00	56.48	74.00	-17.52	49.62	6.86	Peak	122	135
4	17010.00	59.28	68.20	-8.92	53.03	6.25	Peak	100	86

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5710
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

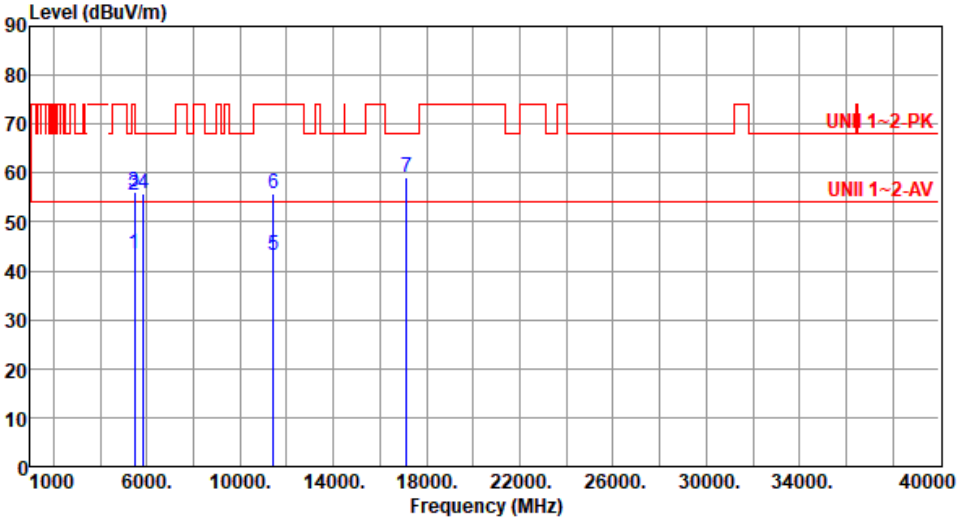


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.62	54.00	-10.38	43.65	-0.03	Average	100	351
2	5460.00	55.63	74.00	-18.37	55.66	-0.03	Peak	100	351
3	5470.00	56.44	68.20	-11.76	56.45	-0.01	Peak	100	351
4	5850.00	56.21	68.20	-11.99	55.46	0.75	Peak	100	351
5	11420.00	43.45	54.00	-10.55	36.39	7.06	Average	100	226
6	11420.00	57.41	74.00	-16.59	50.35	7.06	Peak	100	226
7	17130.00	58.69	68.20	-9.51	52.69	6.00	Peak	100	92

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5710
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

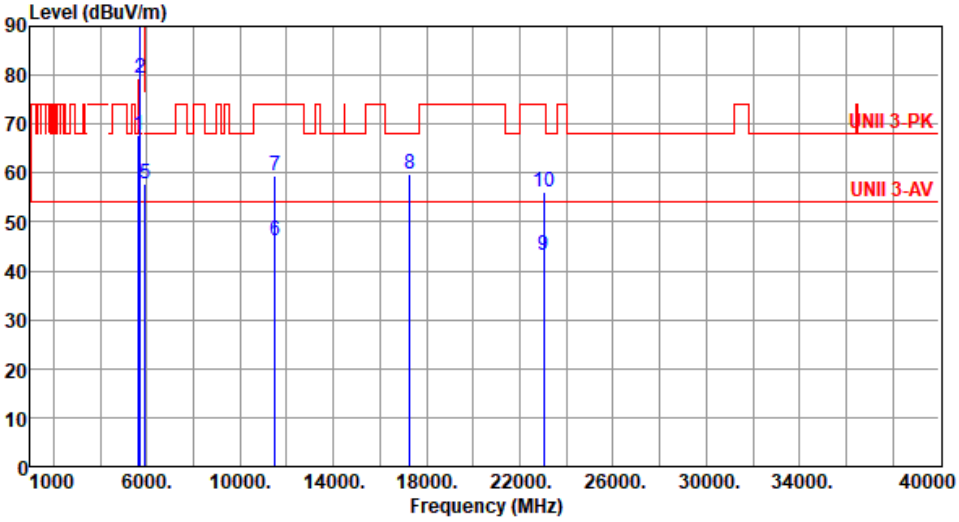


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.59	54.00	-10.41	43.62	-0.03	Average	100	12
2	5460.00	55.36	74.00	-18.64	55.39	-0.03	Peak	100	12
3	5470.00	56.28	68.20	-11.92	56.29	-0.01	Peak	100	12
4	5850.00	55.71	68.20	-12.49	54.96	0.75	Peak	100	12
5	11420.00	43.23	54.00	-10.77	36.17	7.06	Average	100	114
6	11420.00	55.67	74.00	-18.33	48.61	7.06	Peak	100	114
7	17130.00	59.14	68.20	-9.06	53.14	6.00	Peak	100	258

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

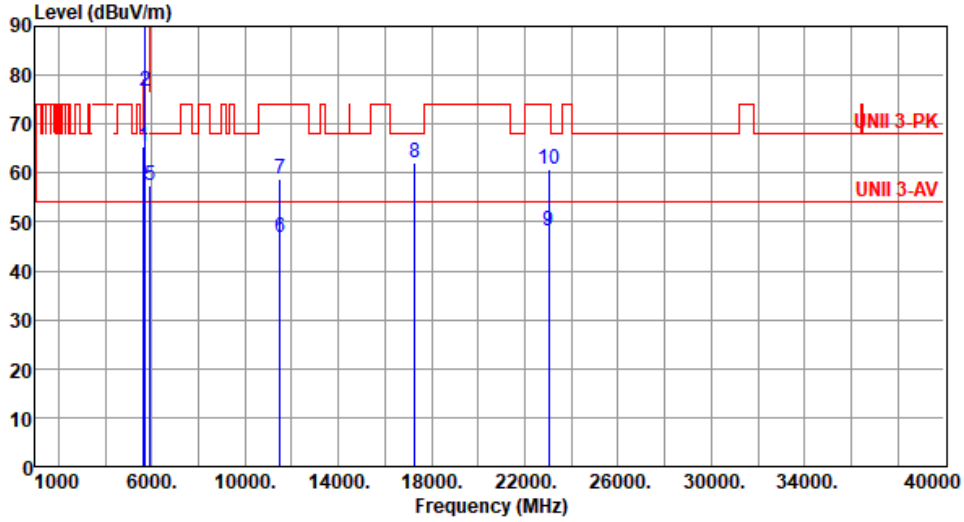


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.73	68.20	-0.47	67.59	0.14	Peak	100	351
2	5700.00	79.29	105.20	-25.91	78.93	0.36	Peak	100	351
3	5720.00	92.18	110.80	-18.62	91.72	0.46	Peak	100	351
4	5725.00	94.32	122.20	-27.88	93.84	0.48	Peak	100	351
5	5925.00	57.63	68.20	-10.57	56.56	1.07	Peak	100	351
6	11510.00	46.18	54.00	-7.82	39.03	7.15	Average	100	252
7	11510.00	59.52	74.00	-14.48	52.37	7.15	Peak	100	252
8	17265.00	59.74	68.20	-8.46	53.69	6.05	Peak	100	193
9	23020.00	43.11	54.00	-10.89	36.91	6.20	Average	100	183
10	23020.00	55.98	74.00	-18.02	49.78	6.20	Peak	100	183

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

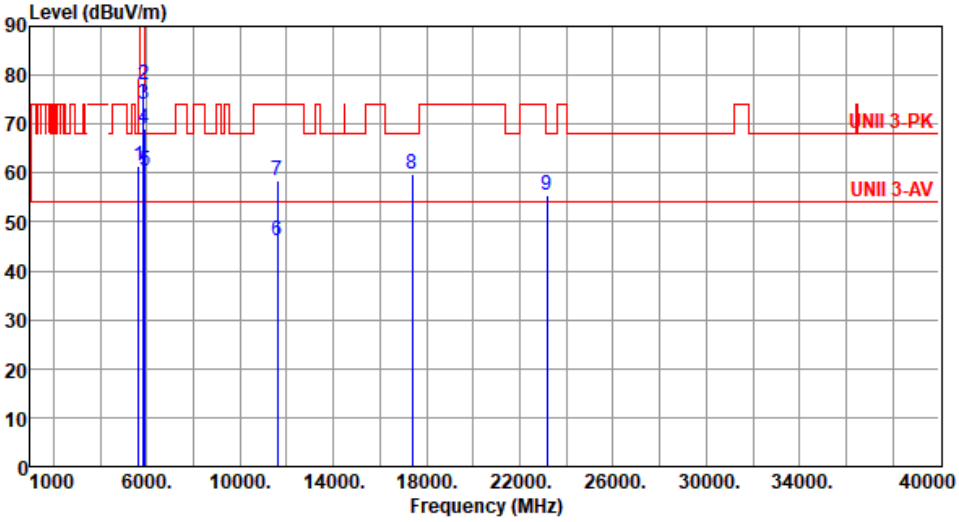


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	65.39	68.20	-2.81	65.25	0.14	Peak	197	11
2	5700.00	76.60	105.20	-28.60	76.24	0.36	Peak	197	11
3	5720.00	90.09	110.80	-20.71	89.63	0.46	Peak	197	11
4	5725.00	92.12	122.20	-30.08	91.64	0.48	Peak	197	11
5	5925.00	57.48	68.20	-10.72	56.41	1.07	Peak	197	11
6	11510.00	46.70	54.00	-7.30	39.55	7.15	Average	100	195
7	11510.00	58.64	74.00	-15.36	51.49	7.15	Peak	100	195
8	17265.00	62.27	68.20	-5.93	56.22	6.05	Peak	204	358
9	23020.00	48.12	54.00	-5.88	41.92	6.20	Average	197	11
10	23020.00	60.81	74.00	-13.19	54.61	6.20	Peak	197	11

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5795
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

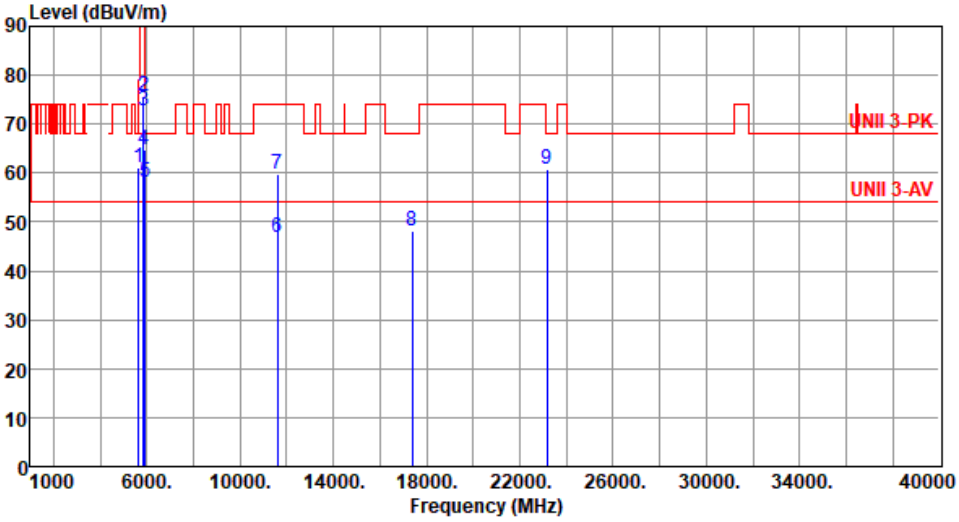


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	61.36	68.20	-6.84	61.22	0.14	Peak	100	352
2	5850.00	78.00	122.20	-44.20	77.25	0.75	Peak	100	352
3	5855.00	74.07	110.80	-36.73	73.29	0.78	Peak	100	352
4	5875.00	69.07	105.20	-36.13	68.20	0.87	Peak	100	352
5	5925.00	60.39	68.20	-7.81	59.32	1.07	Peak	100	352
6	11590.00	46.13	54.00	-7.87	39.26	6.87	Average	100	250
7	11590.00	58.49	74.00	-15.51	51.62	6.87	Peak	100	250
8	17385.00	59.78	68.20	-8.42	53.45	6.33	Peak	100	118
9	23180.00	55.62	68.20	-12.58	49.36	6.26	Peak	100	179

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5795
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65



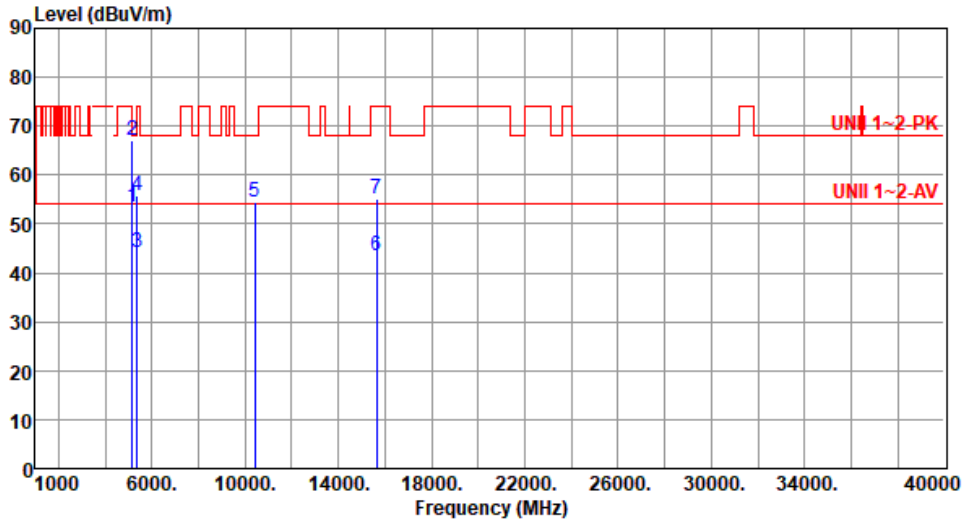
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.95	68.20	-7.25	60.81	0.14	Peak	100	80
2	5850.00	75.82	122.20	-46.38	75.07	0.75	Peak	100	80
3	5855.00	72.69	110.80	-38.11	71.91	0.78	Peak	100	80
4	5875.00	64.76	105.20	-40.44	63.89	0.87	Peak	100	80
5	5925.00	58.27	68.20	-9.93	57.20	1.07	Peak	100	80
6	11590.00	46.70	54.00	-7.30	39.83	6.87	Average	100	193
7	11590.00	59.76	74.00	-14.24	52.89	6.87	Peak	100	193
8	17385.00	48.15	68.20	-20.05	41.82	6.33	Peak	261	2
9	23180.00	60.75	68.20	-7.45	54.49	6.26	Peak	195	10

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE80-OFDMA

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5210
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

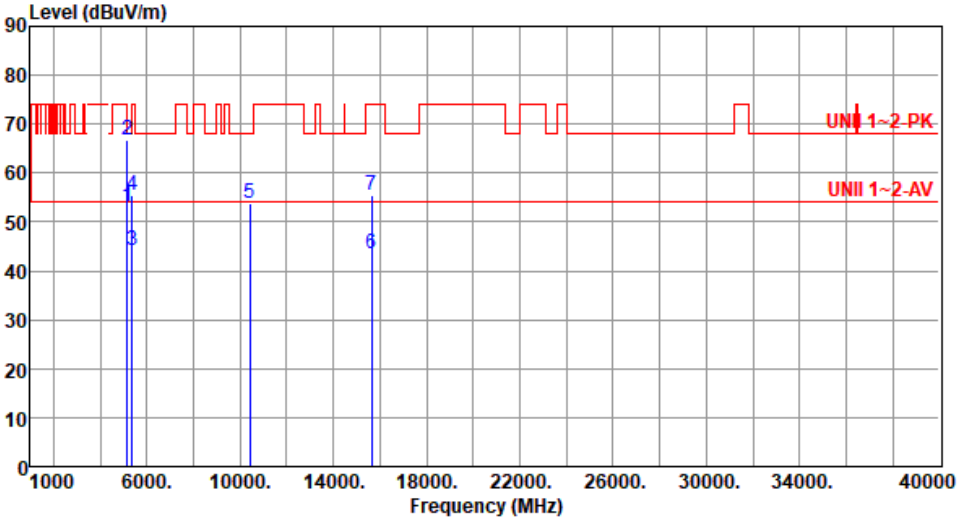


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.53	54.00	-0.47	53.39	0.14	Average	100	335
2	5150.00	66.98	74.00	-7.02	66.84	0.14	Peak	100	335
3	5350.00	44.23	54.00	-9.77	44.52	-0.29	Average	100	335
4	5350.00	55.86	74.00	-18.14	56.15	-0.29	Peak	100	335
5	10420.00	54.40	68.20	-13.80	47.27	7.13	Peak	100	157
6	15630.00	43.36	54.00	-10.64	39.53	3.83	Average	100	211
7	15630.00	55.10	74.00	-18.90	51.27	3.83	Peak	100	211

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5210
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

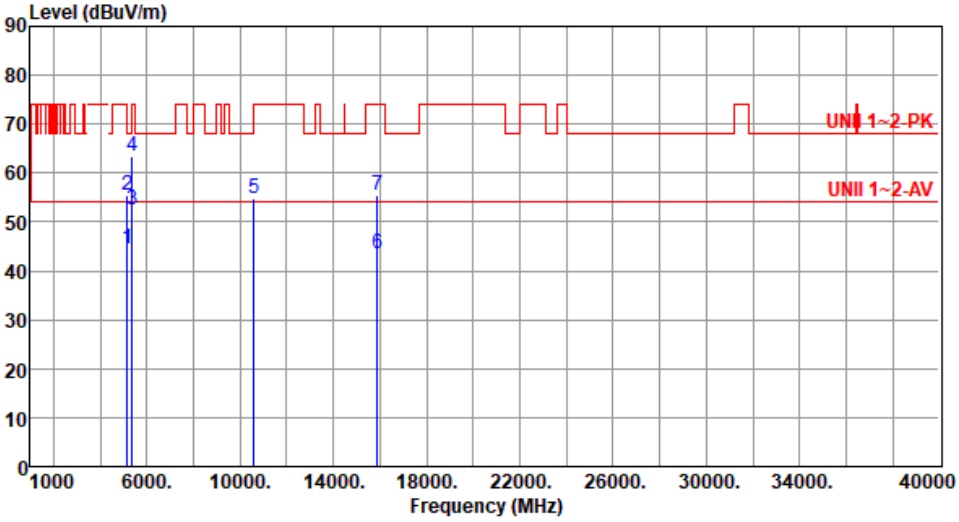


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.98	54.00	-1.02	52.84	0.14	Average	106	24
2	5150.00	66.82	74.00	-7.18	66.68	0.14	Peak	106	24
3	5350.00	44.32	54.00	-9.68	44.61	-0.29	Average	106	24
4	5350.00	55.35	74.00	-18.65	55.64	-0.29	Peak	106	24
5	10420.00	53.95	68.20	-14.25	46.82	7.13	Peak	100	137
6	15630.00	43.53	54.00	-10.47	39.70	3.83	Average	100	102
7	15630.00	55.40	74.00	-18.60	51.57	3.83	Peak	100	102

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5290
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

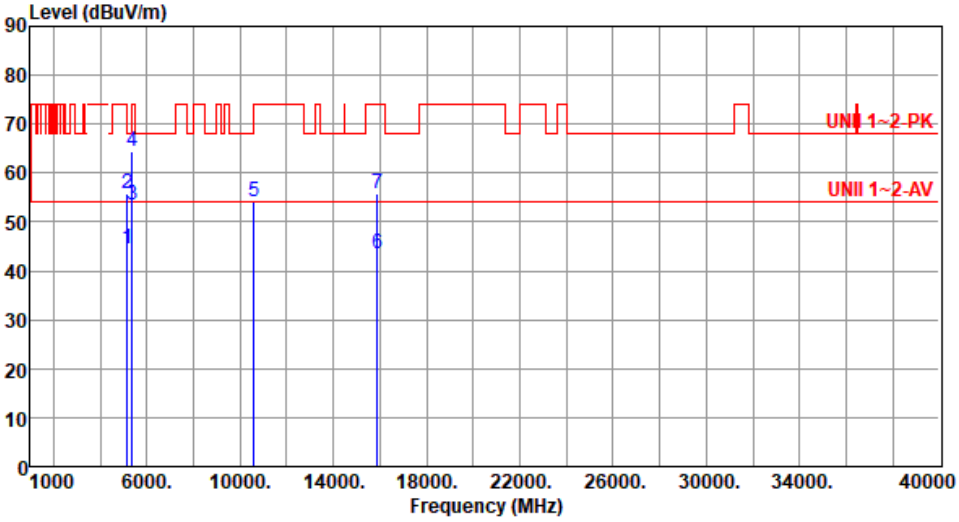


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	44.35	54.00	-9.65	44.21	0.14	Average	100	339
2	5150.00	55.44	74.00	-18.56	55.30	0.14	Peak	100	339
3	5350.00	52.45	54.00	-1.55	52.74	-0.29	Average	100	339
4	5350.00	63.47	74.00	-10.53	63.76	-0.29	Peak	100	339
5	10580.00	54.68	68.20	-13.52	47.50	7.18	Peak	100	161
6	15870.00	43.42	54.00	-10.58	39.41	4.01	Average	100	235
7	15870.00	55.36	74.00	-18.64	51.35	4.01	Peak	100	235

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5290
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

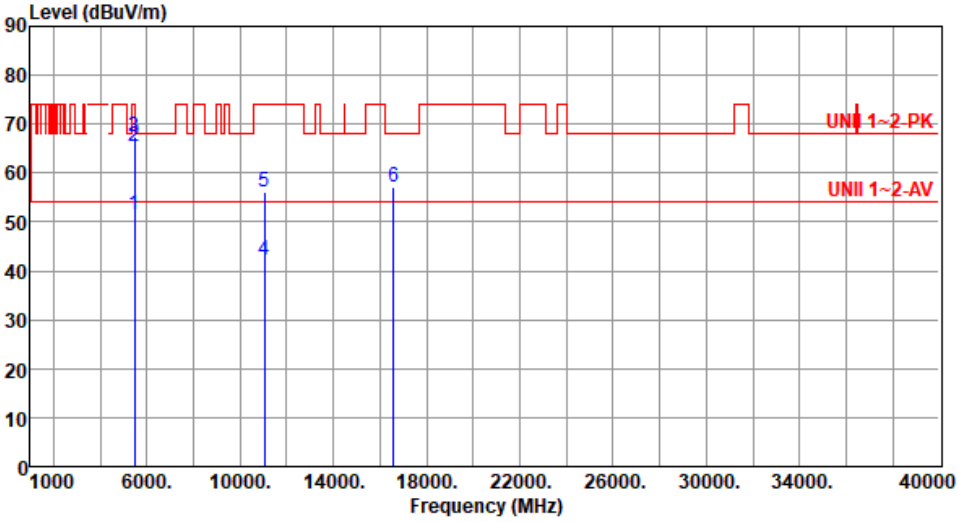


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	44.47	54.00	-9.53	44.33	0.14	Average	100	33
2	5150.00	55.85	74.00	-18.15	55.71	0.14	Peak	100	33
3	5350.00	53.57	54.00	-0.43	53.86	-0.29	Average	100	335
4	5350.00	64.50	74.00	-9.50	64.79	-0.29	Peak	100	335
5	10580.00	54.16	68.20	-14.04	46.98	7.18	Peak	100	142
6	15870.00	43.65	54.00	-10.35	39.64	4.01	Average	100	87
7	15870.00	55.64	74.00	-18.36	51.63	4.01	Peak	100	87

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5530
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

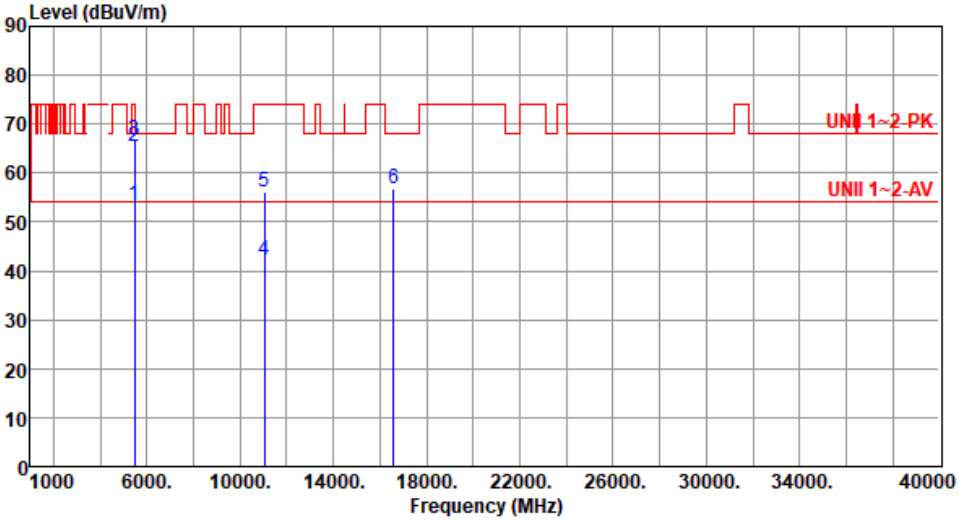


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	51.43	54.00	-2.57	51.46	-0.03	Average	100	357
2	5460.00	65.54	74.00	-8.46	65.57	-0.03	Peak	100	357
3	5470.00	67.28	68.20	-0.92	67.29	-0.01	Peak	100	357
4	11060.00	42.21	54.00	-11.79	34.86	7.35	Average	100	209
5	11060.00	56.02	74.00	-17.98	48.67	7.35	Peak	100	209
6	16590.00	57.19	68.20	-11.01	51.24	5.95	Peak	100	95

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5530
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

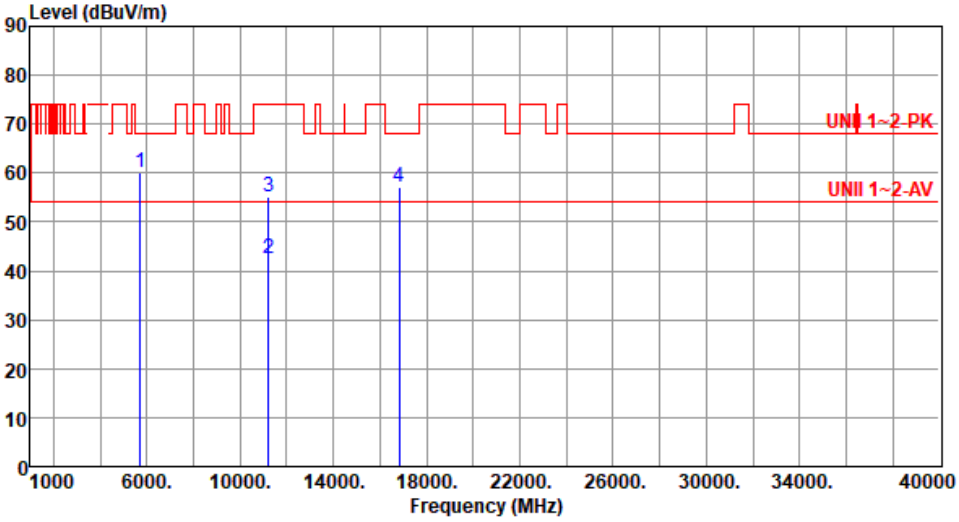


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	53.51	54.00	-0.49	53.54	-0.03	Average	100	38
2	5460.00	65.26	74.00	-8.74	65.29	-0.03	Peak	100	38
3	5470.00	66.80	68.20	-1.40	66.81	-0.01	Peak	100	38
4	11060.00	42.21	54.00	-11.79	34.86	7.35	Average	100	235
5	11060.00	55.98	74.00	-18.02	48.63	7.35	Peak	100	235
6	16590.00	56.95	68.20	-11.25	51.00	5.95	Peak	100	116

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5610
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

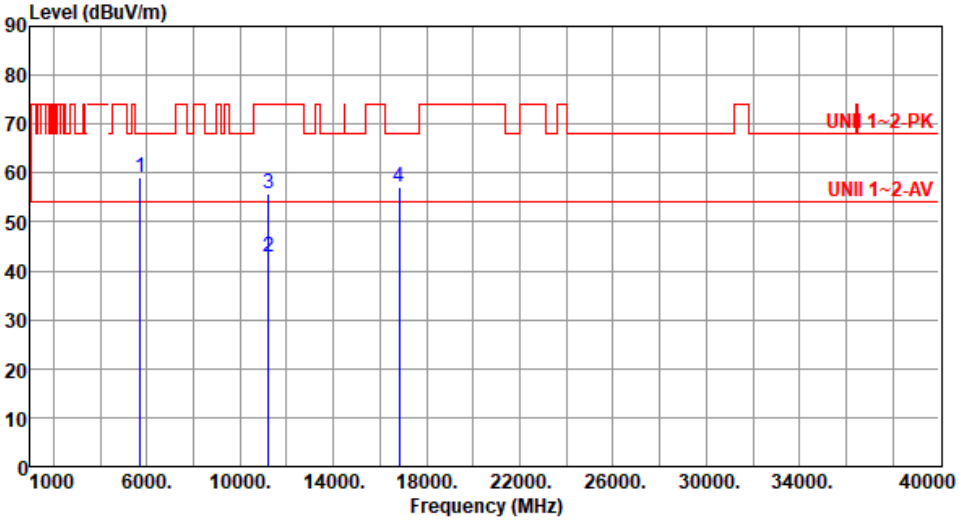


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	59.99	68.20	-8.21	59.51	0.48	Peak	100	352
2	11220.00	42.45	54.00	-11.55	35.73	6.72	Average	100	261
3	11220.00	55.03	74.00	-18.97	48.31	6.72	Peak	100	261
4	16830.00	57.12	68.20	-11.08	50.47	6.65	Peak	100	111

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5610
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

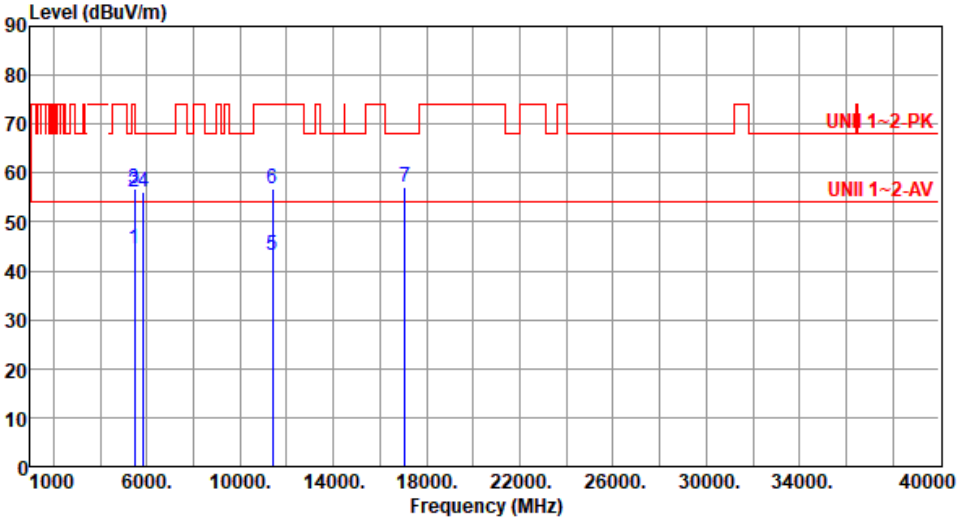


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	58.97	68.20	-9.23	58.49	0.48	Peak	100	1
2	11220.00	42.95	54.00	-11.05	36.23	6.72	Average	100	155
3	11220.00	55.81	74.00	-18.19	49.09	6.72	Peak	100	155
4	16830.00	57.22	68.20	-10.98	50.57	6.65	Peak	100	241

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5690
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

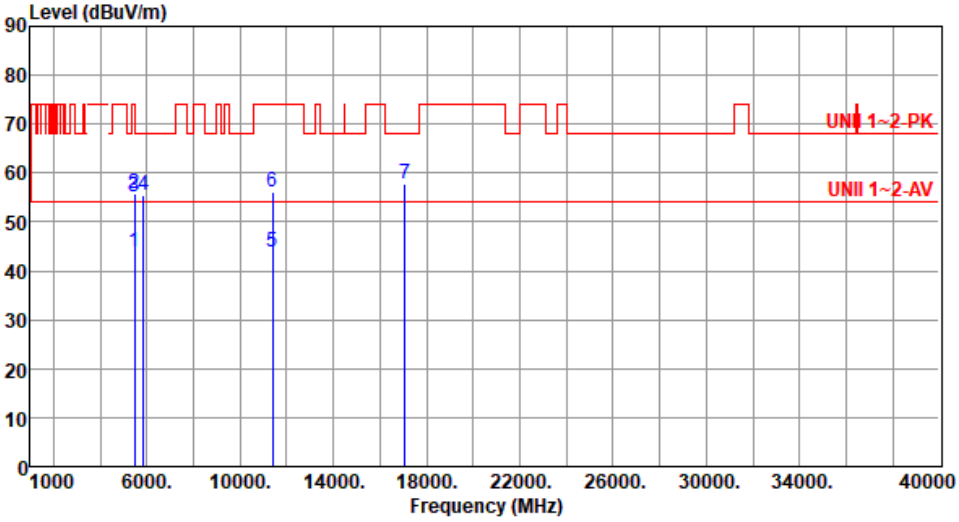


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.55	54.00	-9.45	44.58	-0.03	Average	100	347
2	5460.00	56.26	74.00	-17.74	56.29	-0.03	Peak	100	347
3	5470.00	56.72	68.20	-11.48	56.73	-0.01	Peak	100	347
4	5850.00	56.16	68.20	-12.04	55.41	0.75	Peak	100	347
5	11380.00	43.02	54.00	-10.98	36.05	6.97	Average	100	244
6	11380.00	56.95	74.00	-17.05	49.98	6.97	Peak	100	244
7	17070.00	57.22	68.20	-10.98	51.17	6.05	Peak	100	51

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5690
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

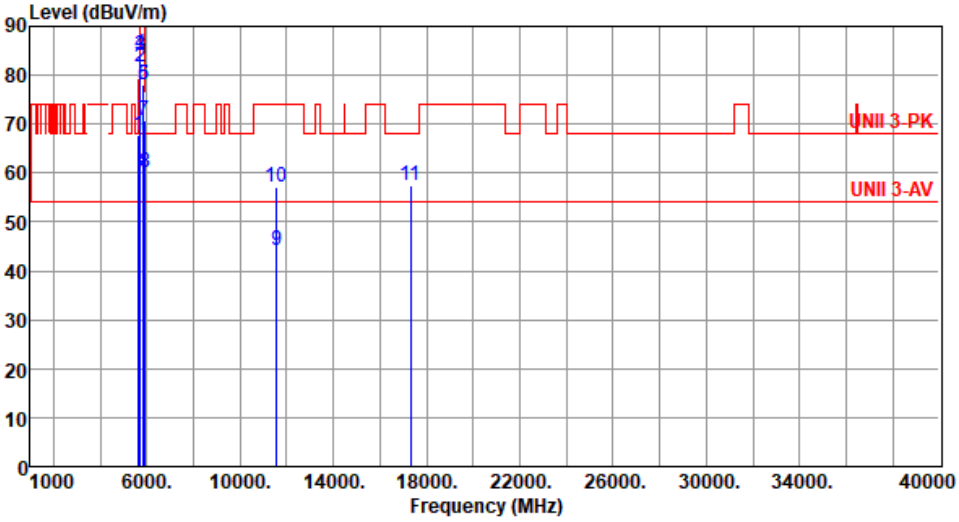


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.78	54.00	-10.22	43.81	-0.03	Average	100	6
2	5460.00	55.78	74.00	-18.22	55.81	-0.03	Peak	100	6
3	5470.00	55.09	68.20	-13.11	55.10	-0.01	Peak	100	6
4	5850.00	55.62	68.20	-12.58	54.87	0.75	Peak	100	6
5	11380.00	43.95	54.00	-10.05	36.98	6.97	Average	108	125
6	11380.00	56.01	74.00	-17.99	49.04	6.97	Peak	108	125
7	17070.00	57.62	68.20	-10.58	51.57	6.05	Peak	100	49

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5775
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65

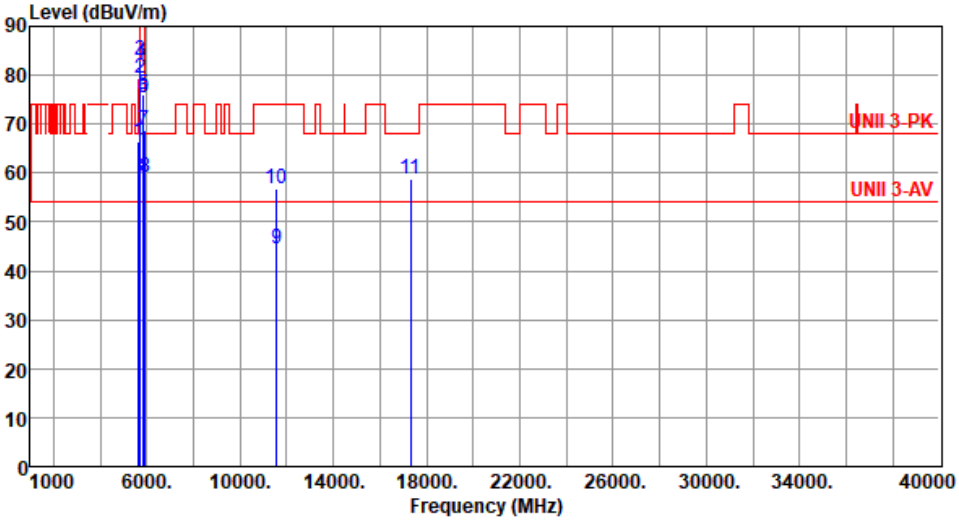


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	67.86	68.20	-0.34	67.72	0.14	Peak	100	348
2	5700.00	81.67	105.20	-23.53	81.31	0.36	Peak	100	348
3	5720.00	84.05	110.80	-26.75	83.59	0.46	Peak	100	348
4	5725.00	84.39	122.20	-37.81	83.91	0.48	Peak	100	348
5	5850.00	78.14	122.20	-44.06	77.39	0.75	Peak	100	348
6	5855.00	77.90	110.80	-32.90	77.12	0.78	Peak	100	348
7	5875.00	70.69	105.20	-34.51	69.82	0.87	Peak	100	348
8	5925.00	60.22	68.20	-7.98	59.15	1.07	Peak	100	348
9	11550.00	44.21	54.00	-9.79	37.20	7.01	Average	100	269
10	11550.00	57.26	74.00	-16.74	50.25	7.01	Peak	100	269
11	17325.00	57.56	68.20	-10.64	51.46	6.10	Peak	100	206

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5775
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):65



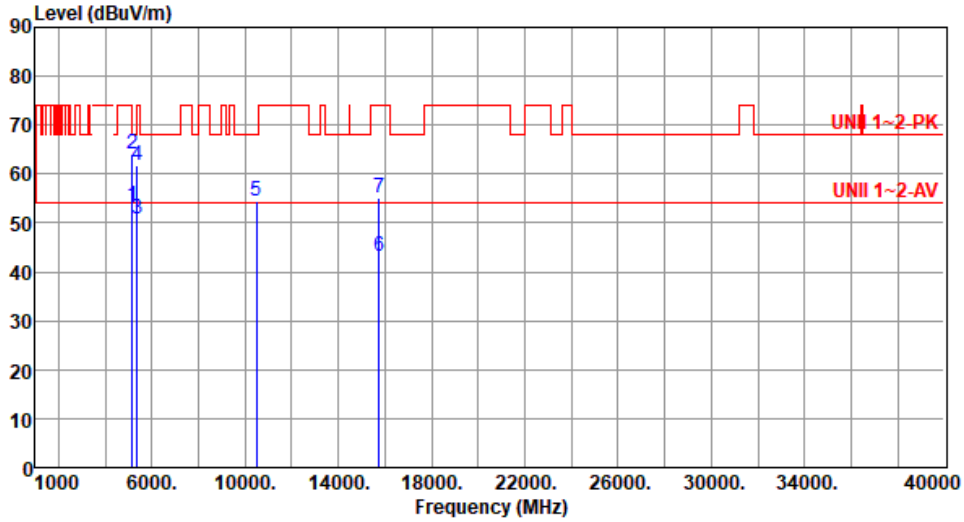
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	66.35	68.20	-1.85	66.21	0.14	Peak	113	5
2	5700.00	79.28	105.20	-25.92	78.92	0.36	Peak	113	5
3	5720.00	82.91	110.80	-27.89	82.45	0.46	Peak	113	5
4	5725.00	82.24	122.20	-39.96	81.76	0.48	Peak	113	5
5	5850.00	76.06	122.20	-46.14	75.31	0.75	Peak	113	5
6	5855.00	75.40	110.80	-35.40	74.62	0.78	Peak	113	5
7	5875.00	68.59	105.20	-36.61	67.72	0.87	Peak	113	5
8	5925.00	59.04	68.20	-9.16	57.97	1.07	Peak	113	5
9	11550.00	44.39	54.00	-9.61	37.38	7.01	Average	100	203
10	11550.00	56.92	74.00	-17.08	49.91	7.01	Peak	100	203
11	17325.00	58.65	68.20	-9.55	52.55	6.10	Peak	211	346

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE160-OFDMA

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5250
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

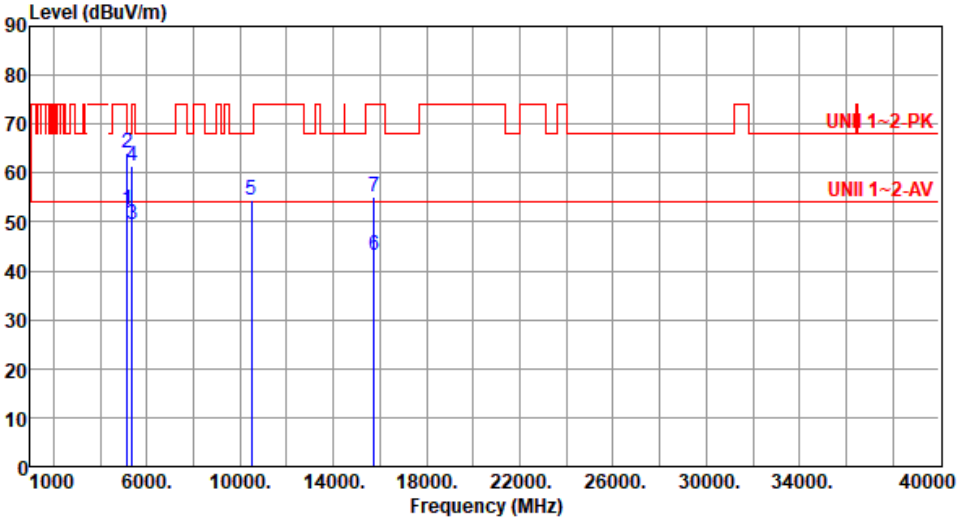


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.57	54.00	-0.43	53.43	0.14	Average	100	334
2	5150.00	64.03	74.00	-9.97	63.89	0.14	Peak	100	334
3	5350.00	50.77	54.00	-3.23	51.06	-0.29	Average	100	334
4	5350.00	61.68	74.00	-12.32	61.97	-0.29	Peak	100	334
5	10500.00	54.32	68.20	-13.88	47.13	7.19	Peak	100	161
6	15750.00	43.18	54.00	-10.82	39.33	3.85	Average	100	236
7	15750.00	55.25	74.00	-18.75	51.40	3.85	Peak	100	236

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5250
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

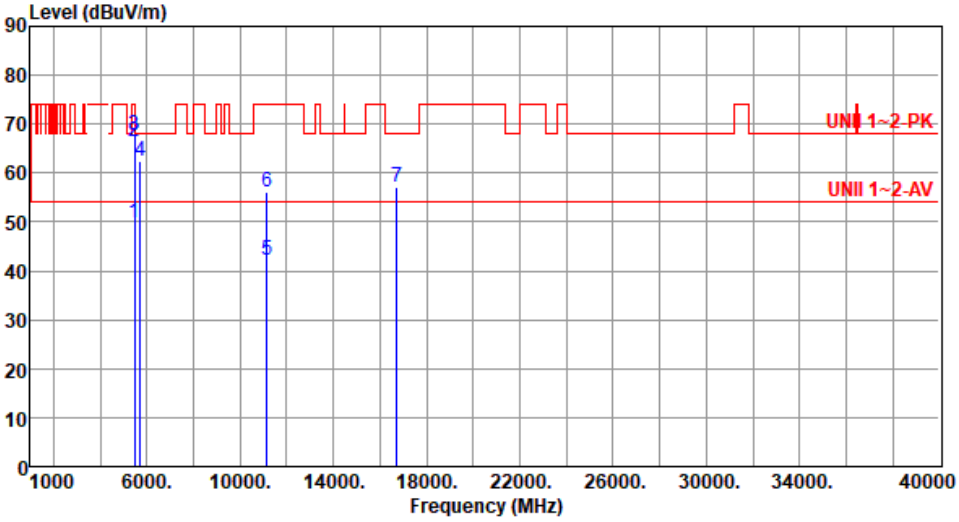


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.55	54.00	-1.45	52.41	0.14	Average	100	31
2	5150.00	64.06	74.00	-9.94	63.92	0.14	Peak	100	31
3	5350.00	49.45	54.00	-4.55	49.74	-0.29	Average	100	31
4	5350.00	61.50	74.00	-12.50	61.79	-0.29	Peak	100	31
5	10500.00	54.35	68.20	-13.85	47.16	7.19	Peak	100	161
6	15750.00	43.28	54.00	-10.72	39.43	3.85	Average	100	223
7	15750.00	55.04	74.00	-18.96	51.19	3.85	Peak	100	223

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5570
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

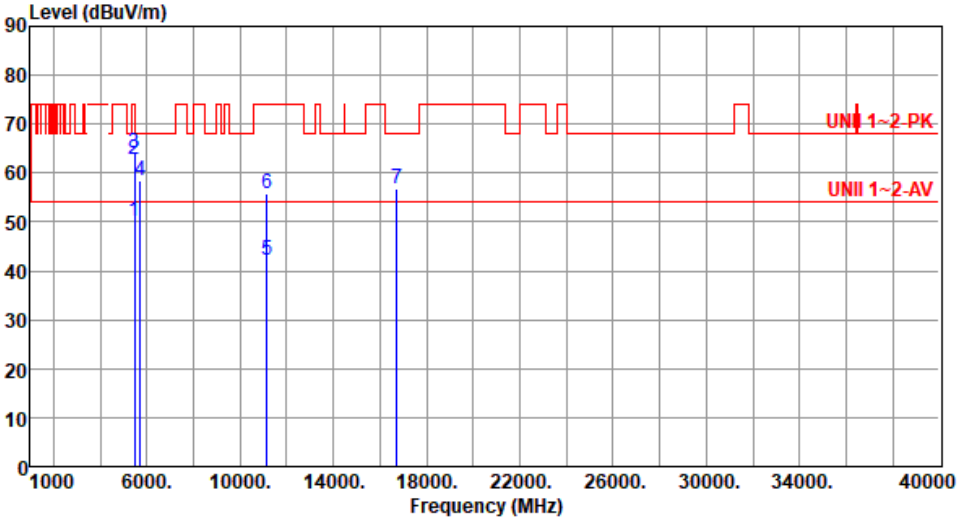


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	49.84	54.00	-4.16	49.87	-0.03	Average	100	359
2	5460.00	66.54	74.00	-7.46	66.57	-0.03	Peak	100	359
3	5470.00	67.79	68.20	-0.41	67.80	-0.01	Peak	100	359
4	5725.00	62.36	68.20	-5.84	61.88	0.48	Peak	100	359
5	11140.00	42.14	54.00	-11.86	35.11	7.03	Average	100	201
6	11140.00	55.96	74.00	-18.04	48.93	7.03	Peak	100	201
7	16710.00	57.14	68.20	-11.06	50.90	6.24	Peak	100	81

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE160-OFDMA	**Test Freq. (MHz)**	5570
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	50.15	54.00	-3.85	50.18	-0.03	Average	100	7
2	5460.00	62.62	74.00	-11.38	62.65	-0.03	Peak	100	7
3	5470.00	64.09	68.20	-4.11	64.10	-0.01	Peak	100	7
4	5725.00	58.46	68.20	-9.74	57.98	0.48	Peak	100	7
5	11140.00	42.16	54.00	-11.84	35.13	7.03	Average	100	248
6	11140.00	55.89	74.00	-18.11	48.86	7.03	Peak	100	248
7	16710.00	56.92	68.20	-11.28	50.68	6.24	Peak	100	111

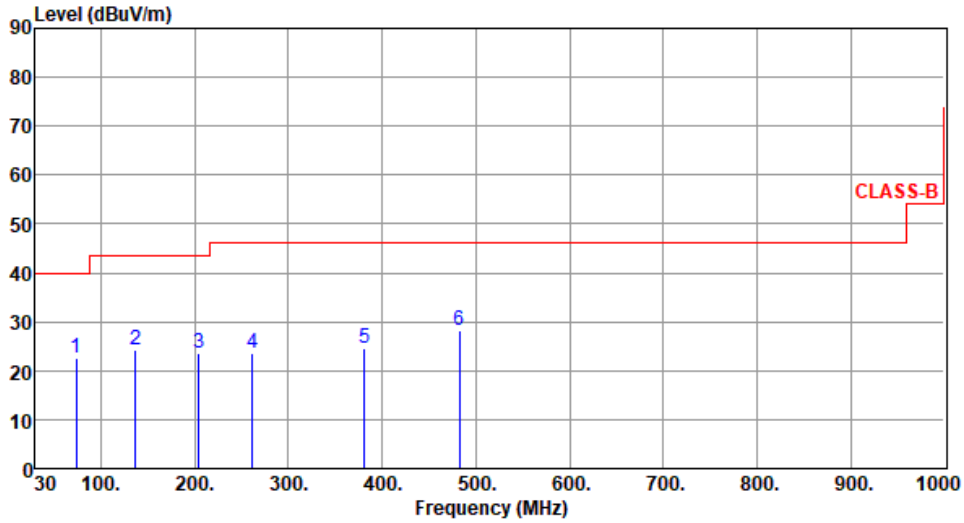
Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Beamforming mode

Unwanted Emissions (Below 1GHz)

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

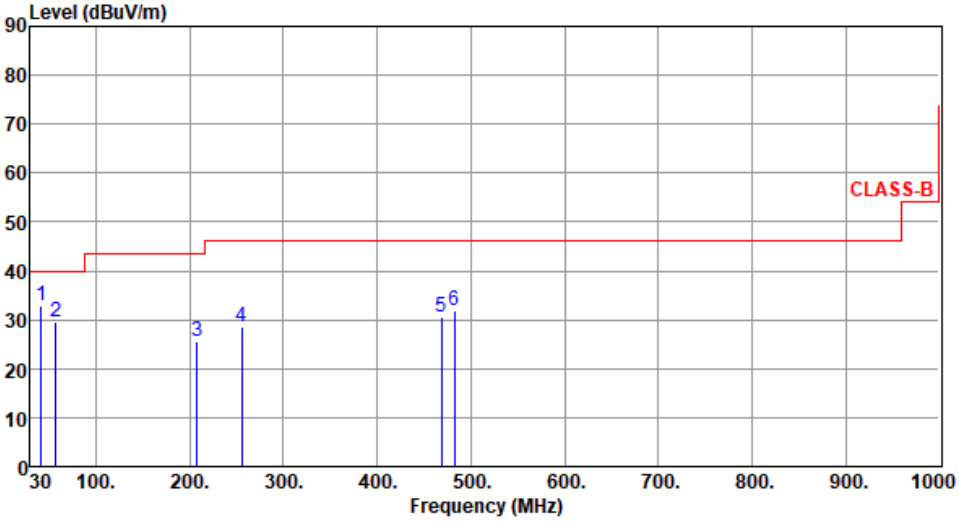


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	73.42	22.65	40.00	-17.35	34.69	-12.04	Peak	---	---
2	136.84	24.35	43.50	-19.15	34.12	-9.77	Peak	---	---
3	204.75	23.56	43.50	-19.94	35.51	-11.95	Peak	---	---
4	261.55	23.48	46.00	-22.52	32.88	-9.40	Peak	---	---
5	381.38	24.65	46.00	-21.35	30.64	-5.99	Peak	---	---
6	482.85	28.29	46.00	-17.71	31.91	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

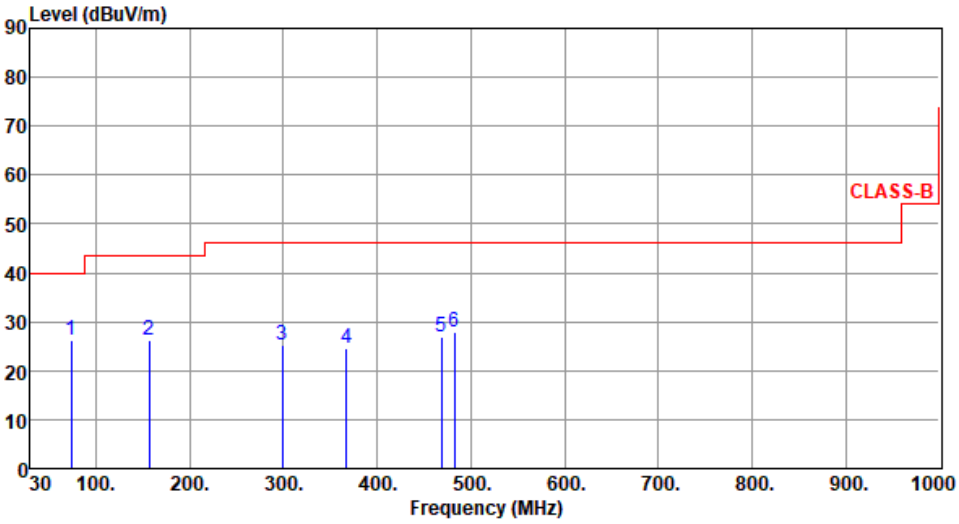


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	41.56	32.85	40.00	-7.15	41.53	-8.68	Peak	---	---
2	57.29	29.65	40.00	-10.35	38.31	-8.66	Peak	---	---
3	207.69	25.48	43.50	-18.02	37.43	-11.95	Peak	---	---
4	255.26	28.55	46.00	-17.45	38.37	-9.82	Peak	---	---
5	468.62	30.41	46.00	-15.59	34.25	-3.84	Peak	---	---
6	482.86	31.77	46.00	-14.23	35.39	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67

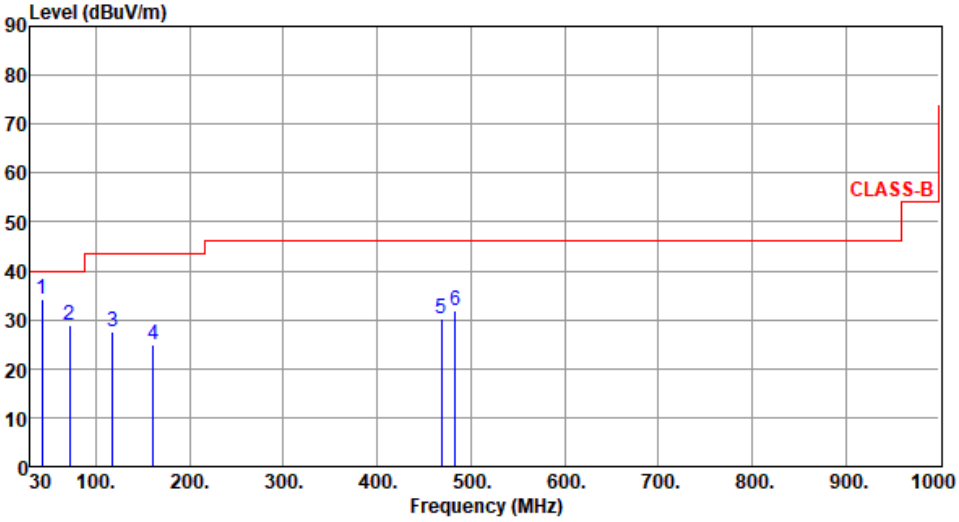


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	73.42	26.15	40.00	-13.85	38.19	-12.04	Peak	---	---
2	156.38	26.24	43.50	-17.26	35.22	-8.98	Peak	---	---
3	298.88	25.13	46.00	-20.87	33.34	-8.21	Peak	---	---
4	367.41	24.62	46.00	-21.38	31.19	-6.57	Peak	---	---
5	468.68	26.95	46.00	-19.05	30.79	-3.84	Peak	---	---
6	482.85	27.98	46.00	-18.02	31.60	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):23 Humidity(%):67



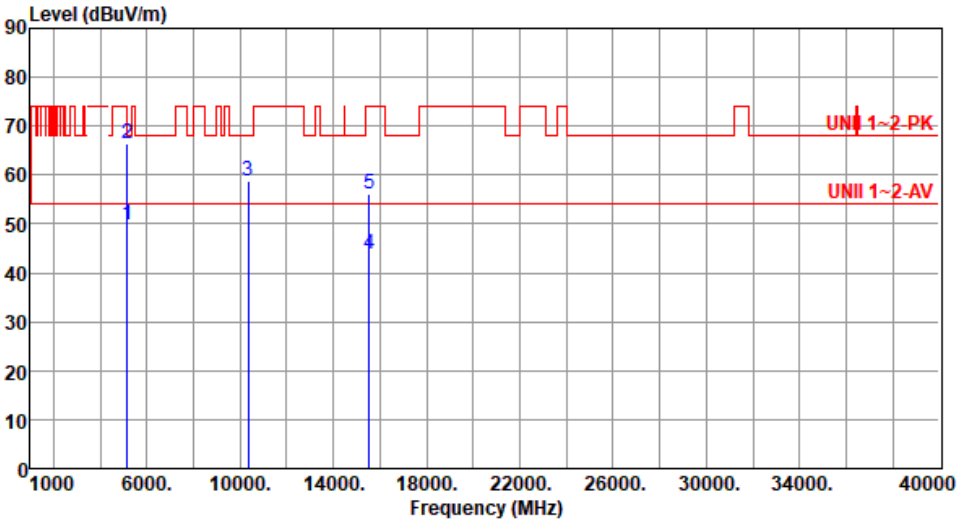
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	42.45	34.12	40.00	-5.88	42.53	-8.41	Peak	---	---
2	71.68	28.82	40.00	-11.18	40.27	-11.45	Peak	---	---
3	117.46	27.51	43.50	-15.99	38.73	-11.22	Peak	---	---
4	160.82	24.95	43.50	-18.55	33.99	-9.04	Peak	---	---
5	468.55	30.16	46.00	-15.84	34.00	-3.84	Peak	---	---
6	482.96	31.84	46.00	-14.16	35.46	-3.62	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.

Unwanted Emissions (Above 1GHz) for ax HE20-OFDMA

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5180
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

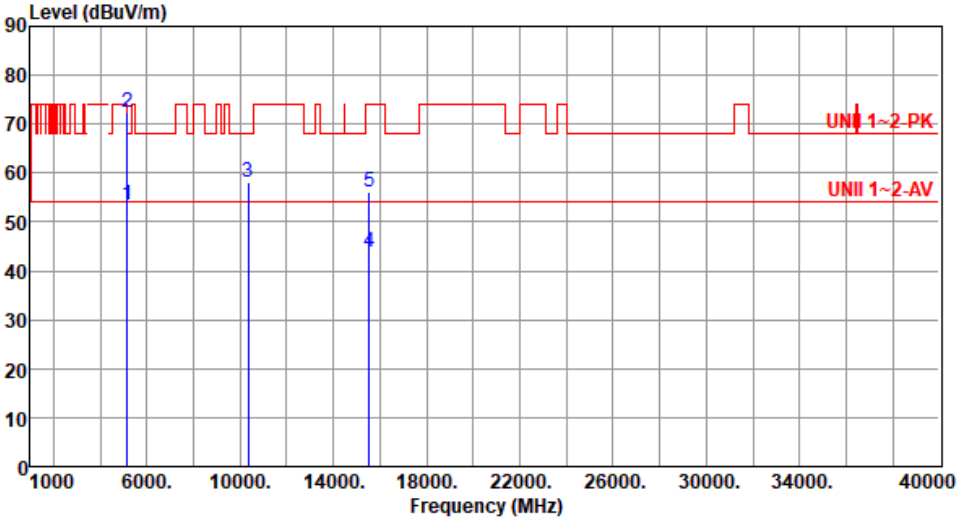


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.92	54.00	-4.08	49.78	0.14	Average	100	332
2	5150.00	66.26	74.00	-7.74	66.12	0.14	Peak	100	332
3	10360.00	58.65	68.20	-9.55	51.64	7.01	Peak	191	128
4	15540.00	43.92	54.00	-10.08	39.87	4.05	Average	100	311
5	15540.00	56.14	74.00	-17.86	52.09	4.05	Peak	100	311

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5180
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

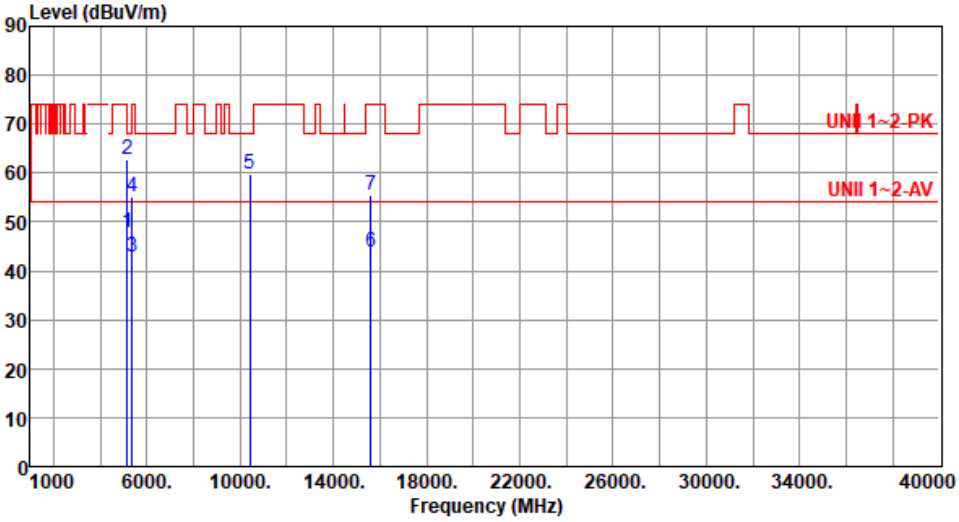


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.57	54.00	-0.43	53.43	0.14	Average	100	42
2	5150.00	72.36	74.00	-1.64	72.22	0.14	Peak	100	42
3	10360.00	58.25	68.20	-9.95	51.24	7.01	Peak	100	84
4	15540.00	43.95	54.00	-10.05	39.90	4.05	Average	100	129
5	15540.00	56.25	74.00	-17.75	52.20	4.05	Peak	100	129

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5200
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

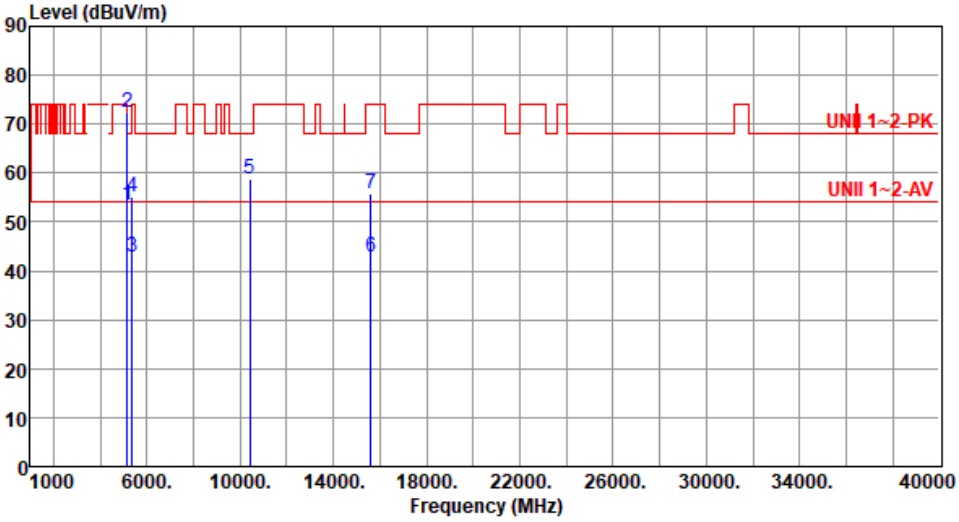


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	47.70	54.00	-6.30	47.56	0.14	Average	100	337
2	5150.00	62.90	74.00	-11.10	62.76	0.14	Peak	100	337
3	5350.00	42.83	54.00	-11.17	43.12	-0.29	Average	100	337
4	5350.00	55.17	74.00	-18.83	55.46	-0.29	Peak	100	337
5	10400.00	59.88	68.20	-8.32	52.77	7.11	Peak	100	130
6	15600.00	43.72	54.00	-10.28	39.87	3.85	Average	100	123
7	15600.00	55.52	74.00	-18.48	51.67	3.85	Peak	100	123

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5200
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

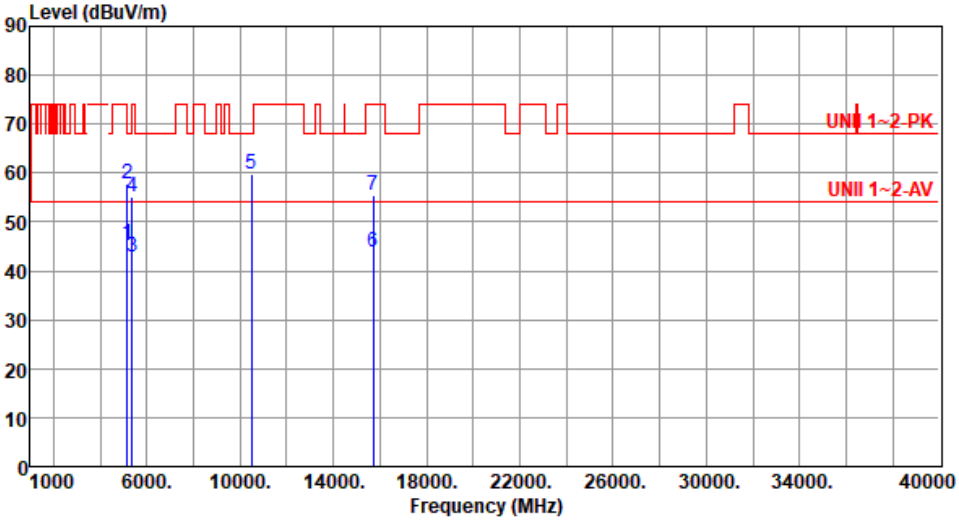


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.52	54.00	-0.48	53.38	0.14	Average	100	38
2	5150.00	72.32	74.00	-1.68	72.18	0.14	Peak	100	38
3	5350.00	42.74	54.00	-11.26	43.03	-0.29	Average	100	38
4	5350.00	55.24	74.00	-18.76	55.53	-0.29	Peak	100	38
5	10400.00	58.79	68.20	-9.41	51.68	7.11	Peak	100	69
6	15600.00	42.99	54.00	-11.01	39.14	3.85	Average	100	125
7	15600.00	55.73	74.00	-18.27	51.88	3.85	Peak	100	125

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

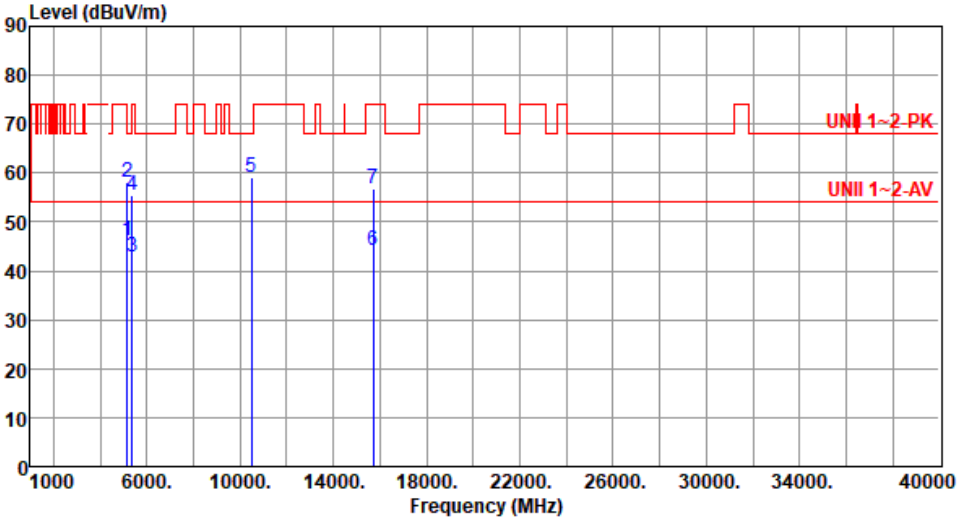


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	45.42	54.00	-8.58	45.28	0.14	Average	100	339
2	5150.00	57.68	74.00	-16.32	57.54	0.14	Peak	100	339
3	5350.00	42.79	54.00	-11.21	43.08	-0.29	Average	100	341
4	5350.00	55.26	74.00	-18.74	55.55	-0.29	Peak	100	341
5	10480.00	59.88	68.20	-8.32	52.71	7.17	Peak	201	136
6	15720.00	43.69	54.00	-10.31	39.86	3.83	Average	100	298
7	15720.00	55.57	74.00	-18.43	51.74	3.83	Peak	100	298

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5240
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

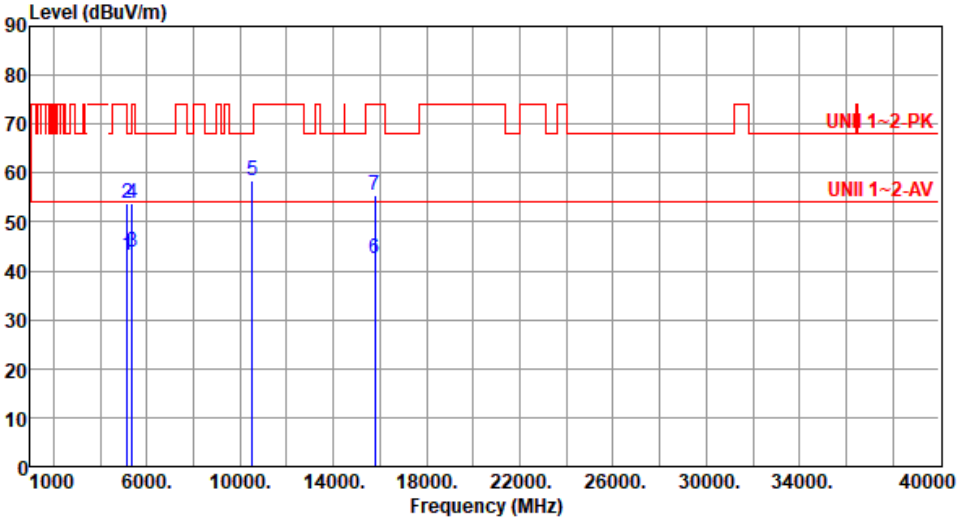


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	46.19	54.00	-7.81	46.05	0.14	Average	100	62
2	5150.00	58.12	74.00	-15.88	57.98	0.14	Peak	100	62
3	5350.00	42.86	54.00	-11.14	43.15	-0.29	Average	100	62
4	5350.00	55.31	74.00	-18.69	55.60	-0.29	Peak	100	62
5	10480.00	59.25	68.20	-8.95	52.08	7.17	Peak	100	53
6	15720.00	44.25	54.00	-9.75	40.42	3.83	Average	100	119
7	15720.00	56.64	74.00	-17.36	52.81	3.83	Peak	100	119

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5260
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

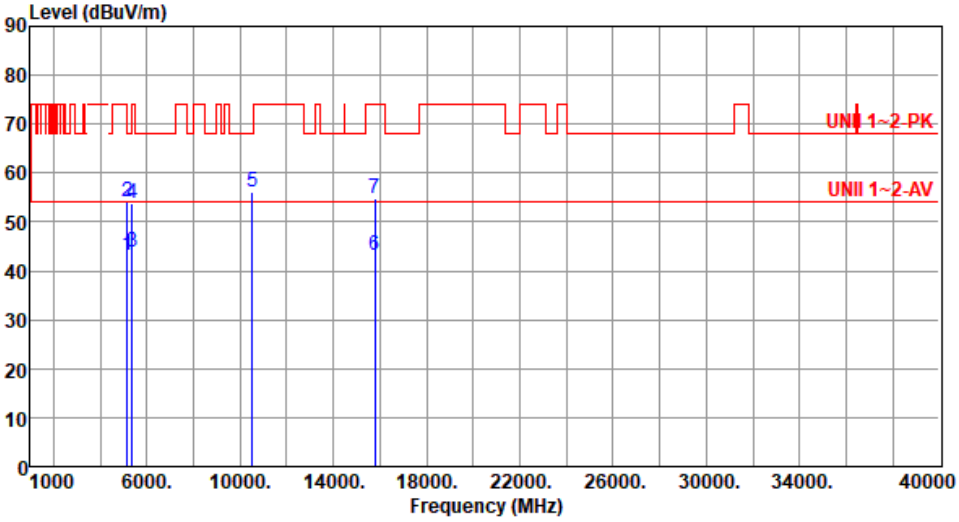


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.16	54.00	-10.84	43.02	0.14	Average	100	336
2	5150.00	53.84	74.00	-20.16	53.70	0.14	Peak	100	336
3	5350.00	43.82	54.00	-10.18	44.11	-0.29	Average	100	336
4	5350.00	53.88	74.00	-20.12	54.17	-0.29	Peak	100	336
5	10520.00	58.59	68.20	-9.61	51.40	7.19	Peak	203	145
6	15780.00	42.44	54.00	-11.56	38.57	3.87	Average	100	218
7	15780.00	55.36	74.00	-18.64	51.49	3.87	Peak	100	218

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5260
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

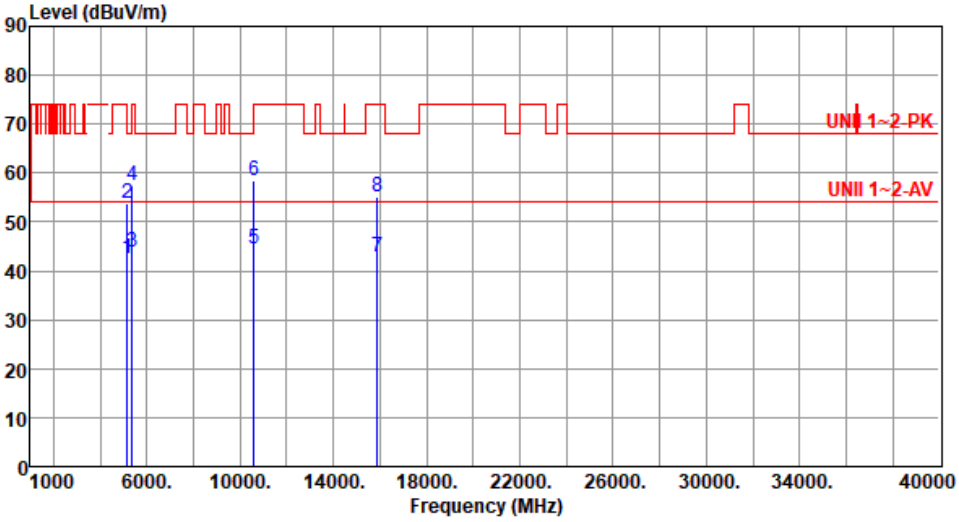


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.29	54.00	-10.71	43.15	0.14	Average	100	103
2	5150.00	54.02	74.00	-19.98	53.88	0.14	Peak	100	103
3	5350.00	43.96	54.00	-10.04	44.25	-0.29	Average	100	103
4	5350.00	53.95	74.00	-20.05	54.24	-0.29	Peak	100	103
5	10520.00	55.96	68.20	-12.24	48.77	7.19	Peak	100	142
6	15780.00	43.05	54.00	-10.95	39.18	3.87	Average	100	168
7	15780.00	54.79	74.00	-19.21	50.92	3.87	Peak	100	168

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5300
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

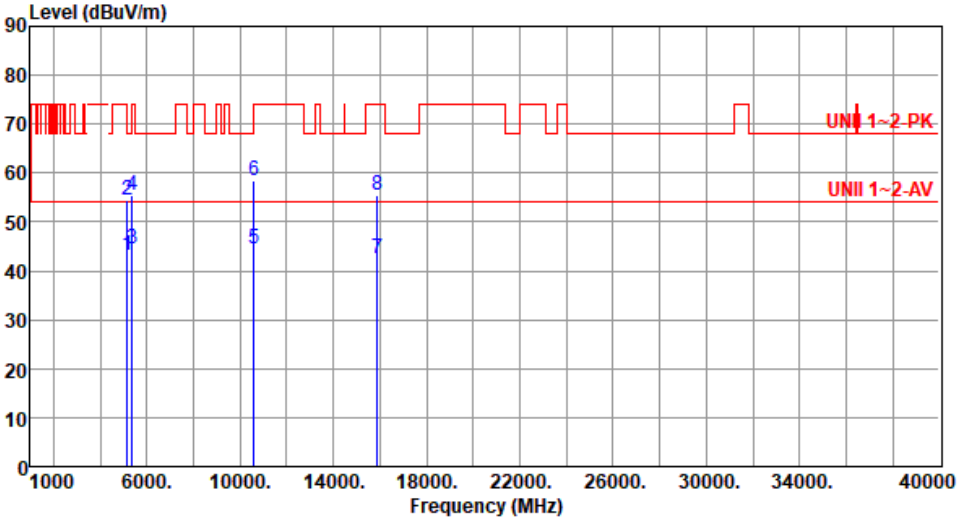


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	42.65	54.00	-11.35	42.51	0.14	Average	100	334
2	5150.00	53.90	74.00	-20.10	53.76	0.14	Peak	100	334
3	5350.00	44.00	54.00	-10.00	44.29	-0.29	Average	100	334
4	5350.00	57.43	74.00	-16.57	57.72	-0.29	Peak	100	334
5	10600.00	44.51	54.00	-9.49	37.34	7.17	Average	226	133
6	10600.00	58.60	74.00	-15.40	51.43	7.17	Peak	226	133
7	15900.00	42.97	54.00	-11.03	38.92	4.05	Average	100	166
8	15900.00	55.14	74.00	-18.86	51.09	4.05	Peak	100	166

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5300
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

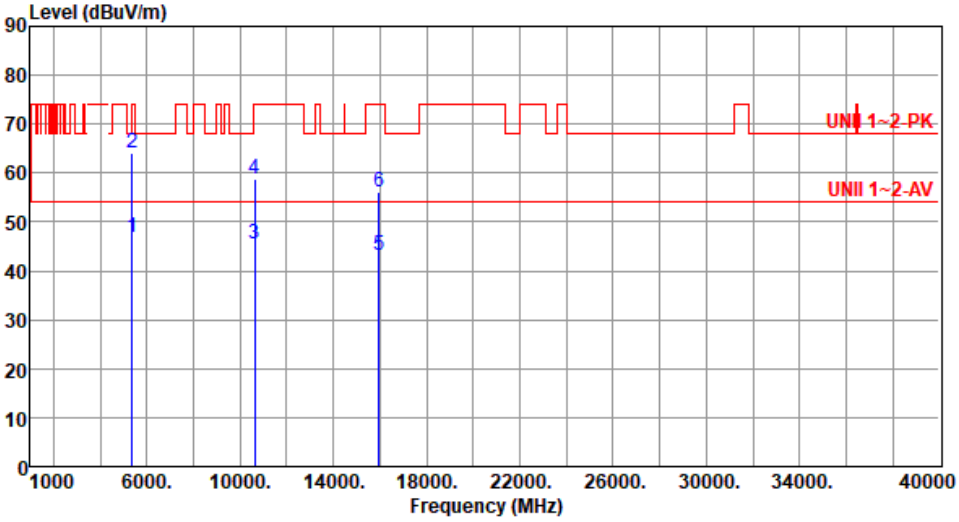


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	43.31	54.00	-10.69	43.17	0.14	Average	100	90
2	5150.00	54.60	74.00	-19.40	54.46	0.14	Peak	100	90
3	5350.00	44.52	54.00	-9.48	44.81	-0.29	Average	100	90
4	5350.00	55.38	74.00	-18.62	55.67	-0.29	Peak	100	90
5	10600.00	44.37	54.00	-9.63	37.20	7.17	Average	100	70
6	10600.00	58.39	74.00	-15.61	51.22	7.17	Peak	100	70
7	15900.00	42.47	54.00	-11.53	38.42	4.05	Average	100	103
8	15900.00	55.39	74.00	-18.61	51.34	4.05	Peak	100	103

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5320
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

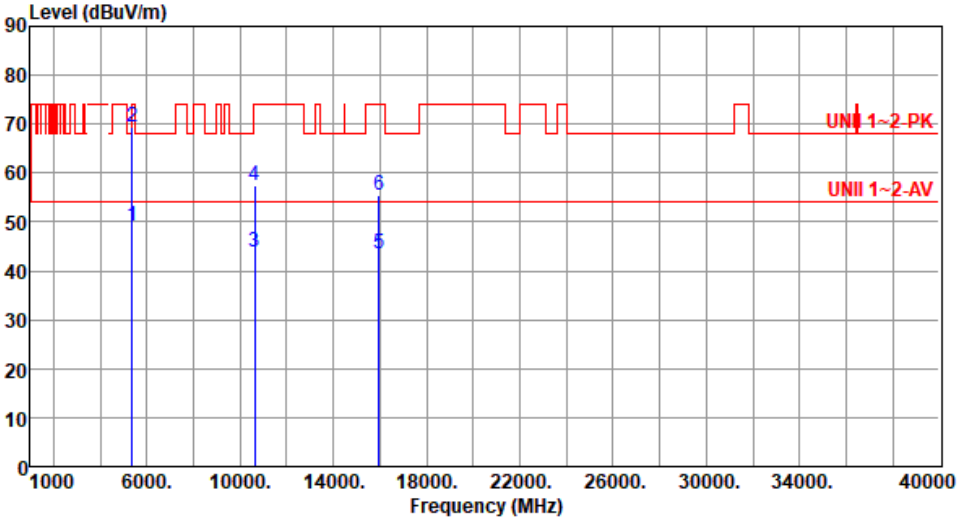


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	46.86	54.00	-7.14	47.15	-0.29	Average	100	300
2	5350.00	64.25	74.00	-9.75	64.54	-0.29	Peak	100	300
3	10640.00	45.63	54.00	-8.37	38.51	7.12	Average	118	145
4	10640.00	58.79	74.00	-15.21	51.67	7.12	Peak	118	145
5	15960.00	43.04	54.00	-10.96	39.01	4.03	Average	100	201
6	15960.00	56.12	74.00	-17.88	52.09	4.03	Peak	100	201

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5320
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

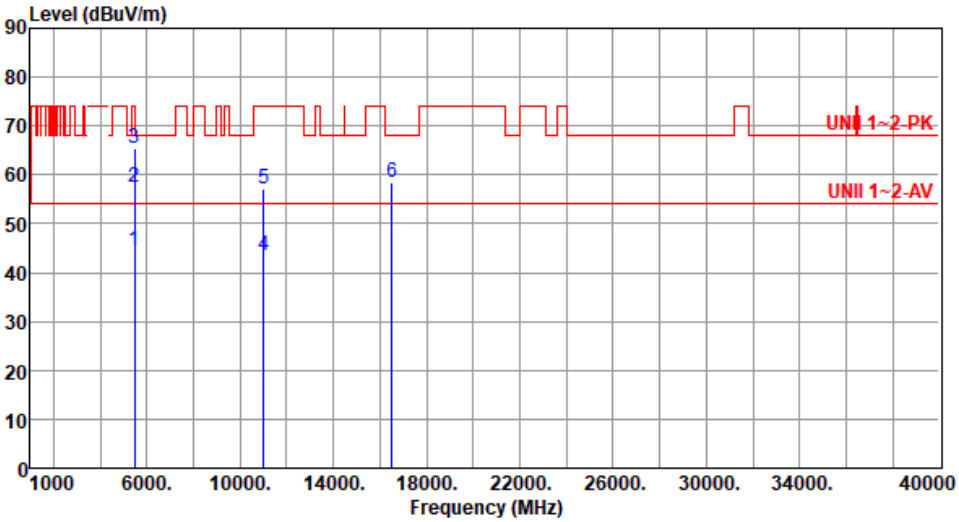


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	49.17	54.00	-4.83	49.46	-0.29	Average	100	33
2	5350.00	69.41	74.00	-4.59	69.70	-0.29	Peak	100	33
3	10640.00	43.77	54.00	-10.23	36.65	7.12	Average	100	62
4	10640.00	57.45	74.00	-16.55	50.33	7.12	Peak	100	62
5	15960.00	43.36	54.00	-10.64	39.33	4.03	Average	100	135
6	15960.00	55.58	74.00	-18.42	51.55	4.03	Peak	100	135

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5500
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

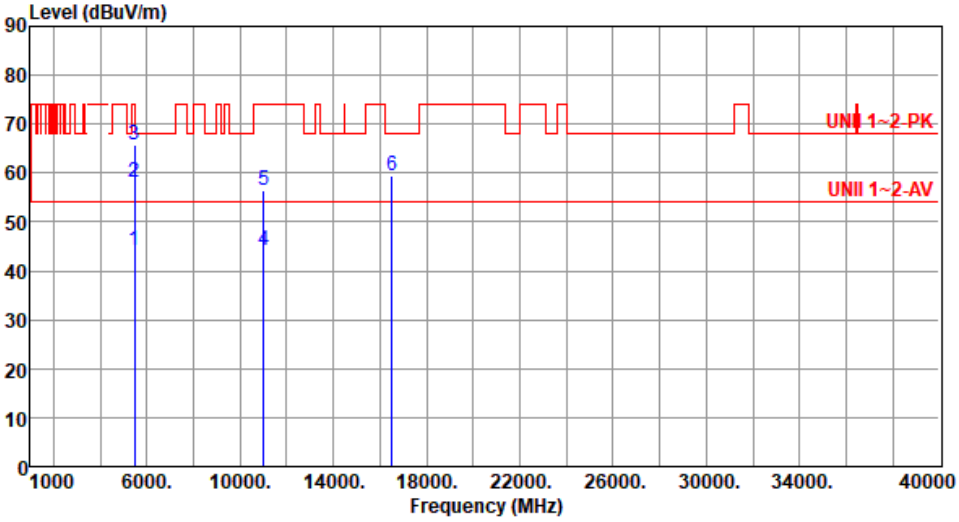


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.60	54.00	-9.40	44.63	-0.03	Average	100	343
2	5460.00	57.30	74.00	-16.70	57.33	-0.03	Peak	100	343
3	5470.00	65.41	68.20	-2.79	65.42	-0.01	Peak	100	343
4	11000.00	43.56	54.00	-10.44	36.07	7.49	Average	100	192
5	11000.00	57.24	74.00	-16.76	49.75	7.49	Peak	100	192
6	16500.00	58.57	68.20	-9.63	52.58	5.99	Peak	100	86

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5500
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

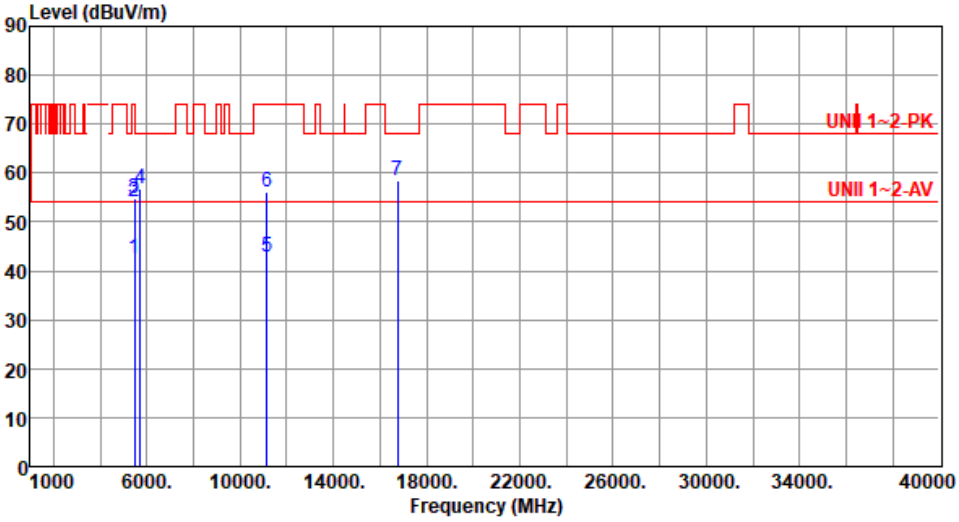


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.21	54.00	-9.79	44.24	-0.03	Average	100	18
2	5460.00	58.25	74.00	-15.75	58.28	-0.03	Peak	100	18
3	5470.00	65.74	68.20	-2.46	65.75	-0.01	Peak	100	18
4	11000.00	44.29	54.00	-9.71	36.80	7.49	Average	133	162
5	11000.00	56.58	74.00	-17.42	49.09	7.49	Peak	133	162
6	16500.00	59.44	68.20	-8.76	53.45	5.99	Peak	100	139

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5580
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

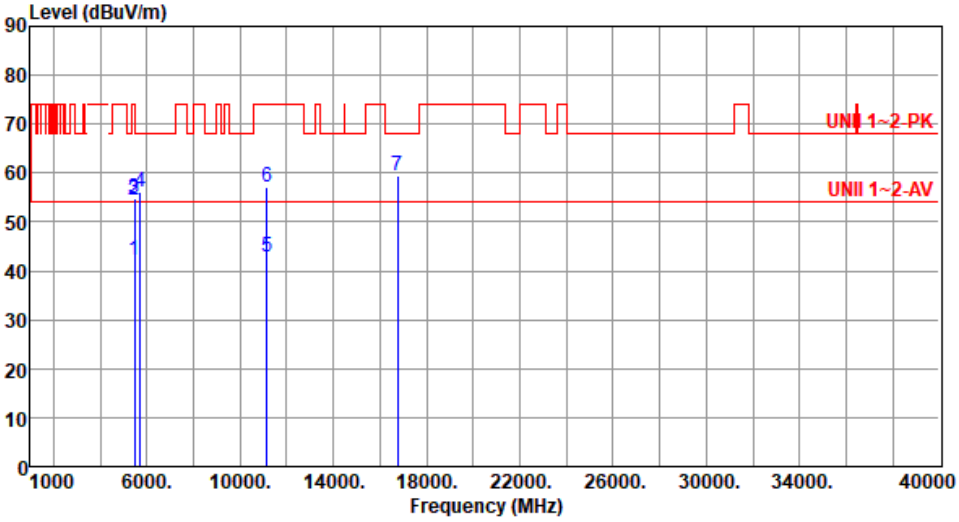


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	42.54	54.00	-11.46	42.57	-0.03	Average	102	359
2	5460.00	54.19	74.00	-19.81	54.22	-0.03	Peak	102	359
3	5470.00	54.93	68.20	-13.27	54.94	-0.01	Peak	102	359
4	5725.00	56.86	68.20	-11.34	56.38	0.48	Peak	102	359
5	11160.00	42.83	54.00	-11.17	35.90	6.93	Average	100	283
6	11160.00	56.07	74.00	-17.93	49.14	6.93	Peak	100	283
7	16740.00	58.29	68.20	-9.91	51.94	6.35	Peak	100	135

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5580
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

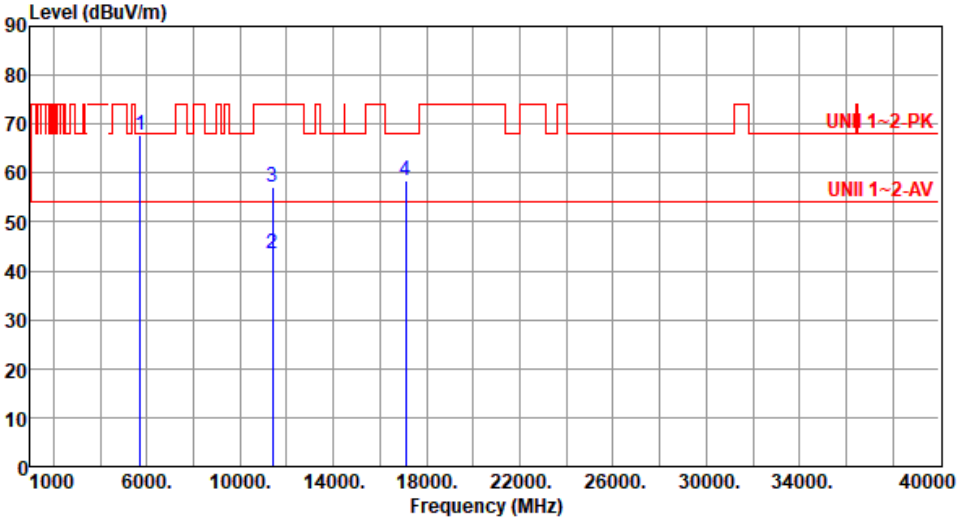


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	42.26	54.00	-11.74	42.29	-0.03	Average	100	48
2	5460.00	54.30	74.00	-19.70	54.33	-0.03	Peak	100	48
3	5470.00	54.71	68.20	-13.49	54.72	-0.01	Peak	100	48
4	5725.00	55.99	68.20	-12.21	55.51	0.48	Peak	100	48
5	11160.00	42.74	54.00	-11.26	35.81	6.93	Average	100	185
6	11160.00	57.17	74.00	-16.83	50.24	6.93	Peak	100	185
7	16740.00	59.34	68.20	-8.86	52.99	6.35	Peak	100	112

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5700
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

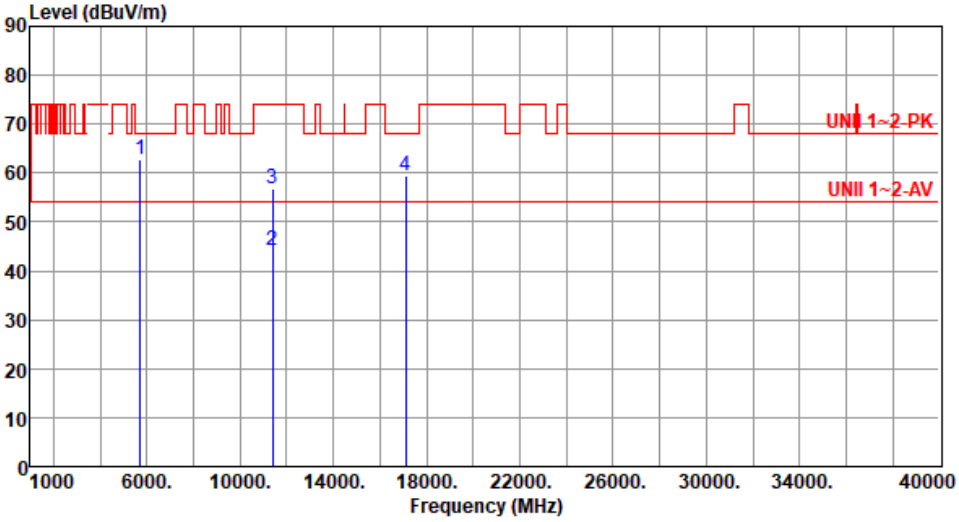


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	67.73	68.20	-0.47	67.25	0.48	Peak	100	1
2	11400.00	43.42	54.00	-10.58	36.40	7.02	Average	100	245
3	11400.00	57.26	74.00	-16.74	50.24	7.02	Peak	100	245
4	17100.00	58.39	68.20	-9.81	52.44	5.95	Peak	100	66

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5700
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

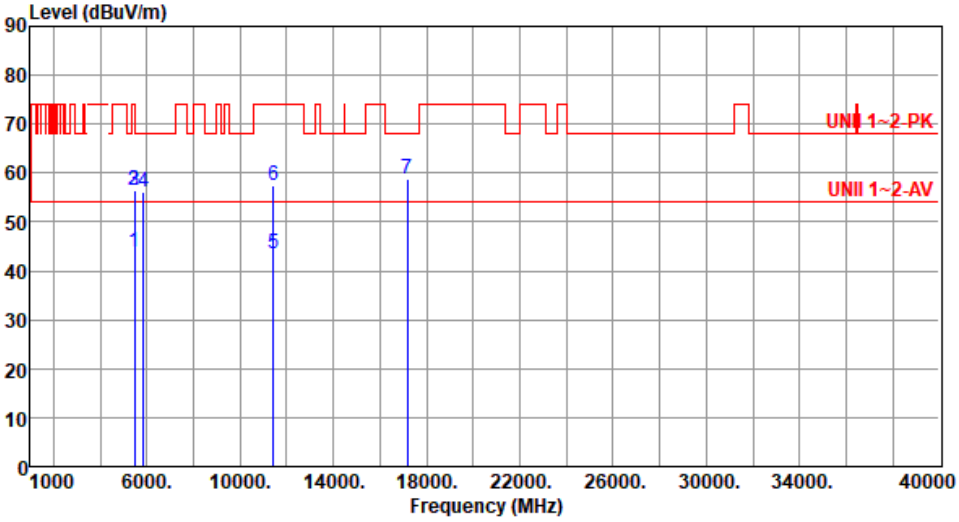


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	62.81	68.20	-5.39	62.33	0.48	Peak	100	28
2	11400.00	44.25	54.00	-9.75	37.23	7.02	Average	122	161
3	11400.00	56.64	74.00	-17.36	49.62	7.02	Peak	122	161
4	17100.00	59.48	68.20	-8.72	53.53	5.95	Peak	100	124

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5720
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

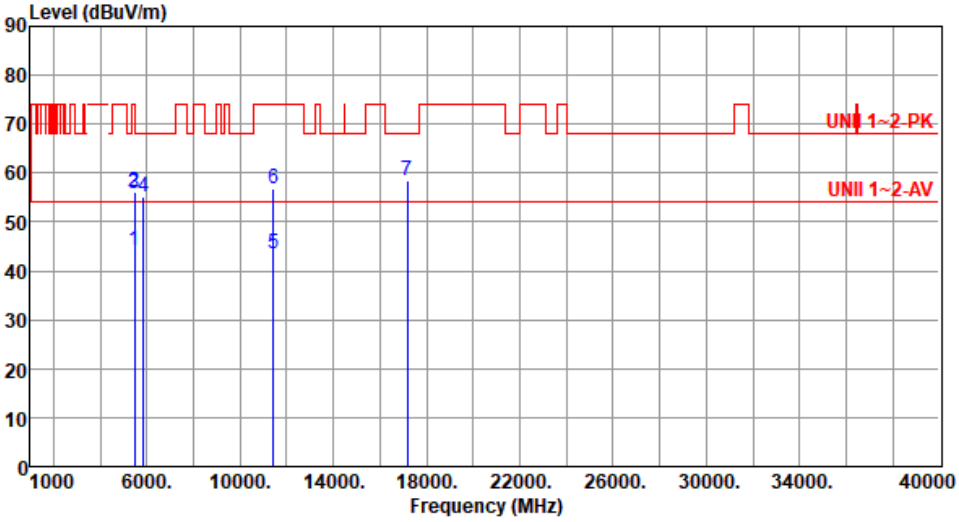


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.69	54.00	-10.31	43.72	-0.03	Average	100	1
2	5460.00	56.36	74.00	-17.64	56.39	-0.03	Peak	100	1
3	5470.00	56.32	68.20	-11.88	56.33	-0.01	Peak	100	1
4	5850.00	56.28	68.20	-11.92	55.53	0.75	Peak	100	1
5	11440.00	43.42	54.00	-10.58	36.34	7.08	Average	100	221
6	11440.00	57.39	74.00	-16.61	50.31	7.08	Peak	100	221
7	17160.00	58.76	68.20	-9.44	52.70	6.06	Peak	100	92

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5720
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

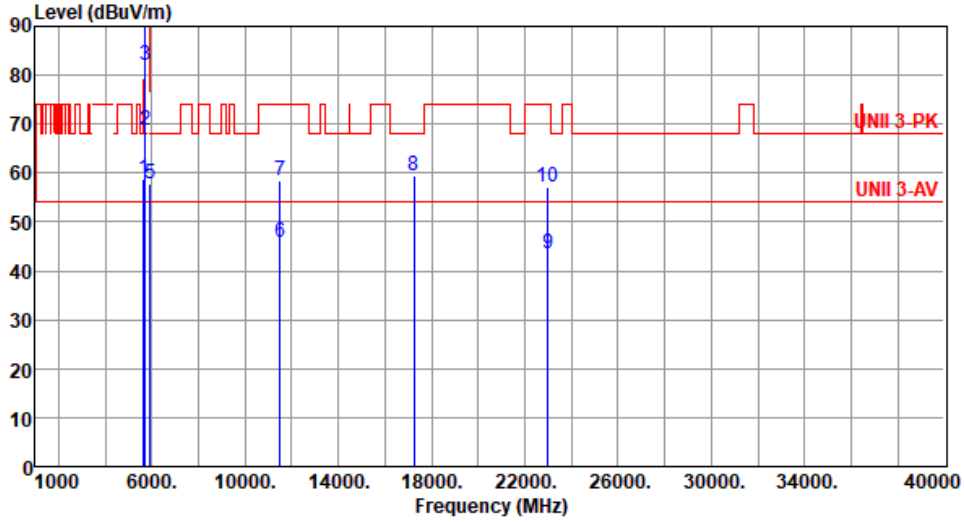


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.16	54.00	-9.84	44.19	-0.03	Average	100	94
2	5460.00	56.06	74.00	-17.94	56.09	-0.03	Peak	100	94
3	5470.00	55.67	68.20	-12.53	55.68	-0.01	Peak	100	94
4	5850.00	55.11	68.20	-13.09	54.36	0.75	Peak	100	94
5	11440.00	43.36	54.00	-10.64	36.28	7.08	Average	100	48
6	11440.00	56.72	74.00	-17.28	49.64	7.08	Peak	100	48
7	17160.00	58.44	68.20	-9.76	52.38	6.06	Peak	100	162

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

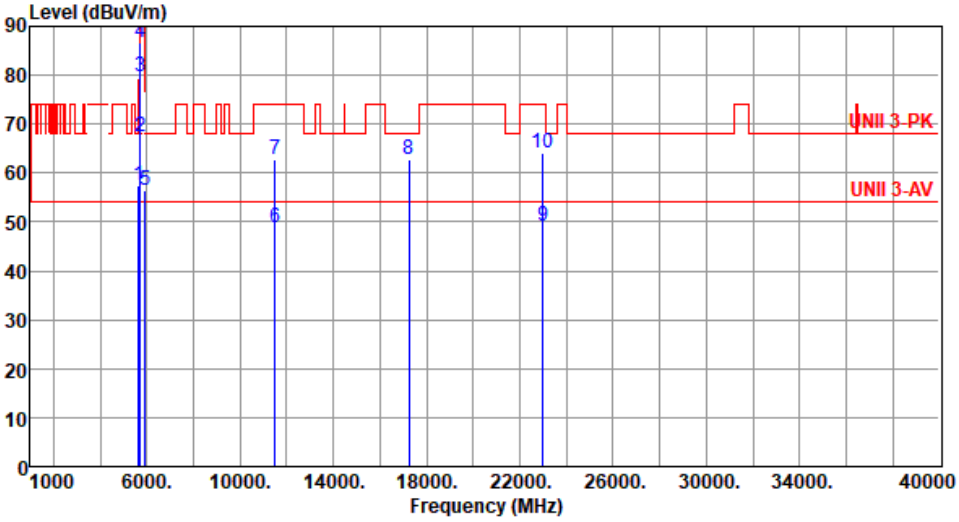


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	58.76	68.20	-9.44	58.62	0.14	Peak	100	355
2	5700.00	68.79	105.20	-36.41	68.43	0.36	Peak	100	355
3	5720.00	82.03	110.80	-28.77	81.57	0.46	Peak	100	355
4	5725.00	92.56	122.20	-29.64	92.08	0.48	Peak	100	355
5	5925.00	57.80	68.20	-10.40	56.73	1.07	Peak	100	355
6	11490.00	45.88	54.00	-8.12	38.71	7.17	Average	100	222
7	11490.00	58.30	74.00	-15.70	51.13	7.17	Peak	100	222
8	17235.00	59.30	68.20	-8.90	53.22	6.08	Peak	100	218
9	22980.00	43.46	54.00	-10.54	37.32	6.14	Average	100	170
10	22980.00	57.26	74.00	-16.74	51.12	6.14	Peak	100	170

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5745
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

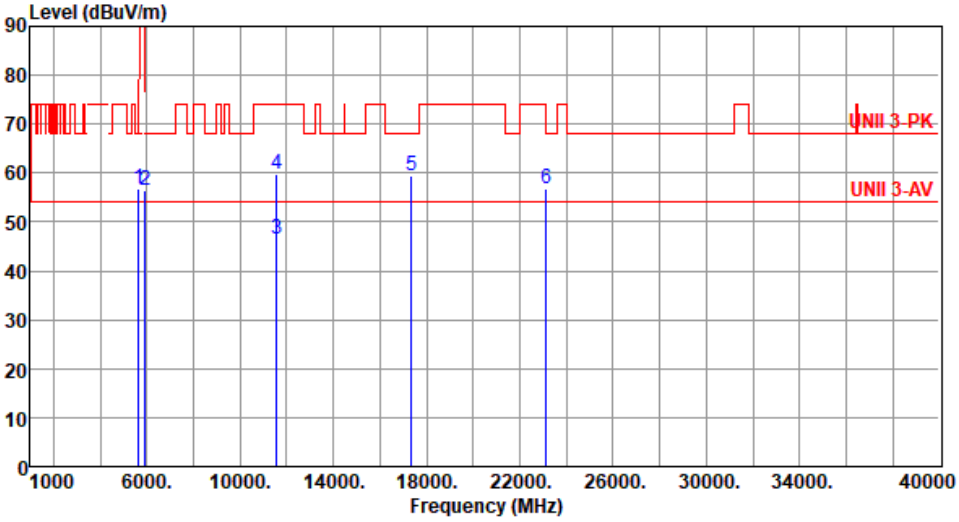


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	57.55	68.20	-10.65	57.41	0.14	Peak	100	72
2	5700.00	67.49	105.20	-37.71	67.13	0.36	Peak	100	72
3	5720.00	79.65	110.80	-31.15	79.19	0.46	Peak	100	72
4	5725.00	86.70	122.20	-35.50	86.22	0.48	Peak	100	72
5	5925.00	56.56	68.20	-11.64	55.49	1.07	Peak	100	72
6	11490.00	48.92	54.00	-5.08	41.75	7.17	Average	107	188
7	11490.00	62.67	74.00	-11.33	55.50	7.17	Peak	107	188
8	17235.00	62.61	68.20	-5.59	56.53	6.08	Peak	219	359
9	22980.00	49.06	54.00	-4.94	42.92	6.14	Average	189	9
10	22980.00	63.94	74.00	-10.06	57.80	6.14	Peak	189	9

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5785
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

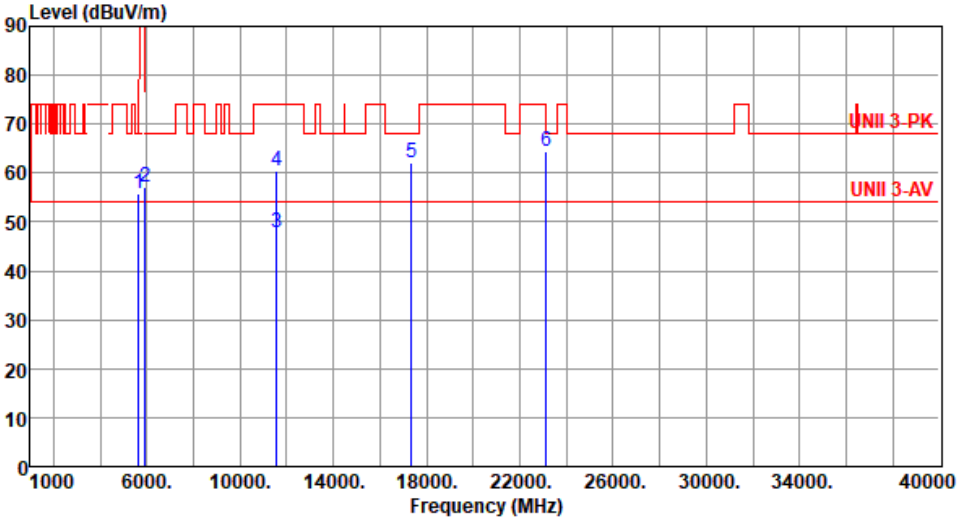


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	56.92	68.20	-11.28	56.78	0.14	Peak	100	357
2	5925.00	56.54	68.20	-11.66	55.47	1.07	Peak	100	357
3	11570.00	46.47	54.00	-7.53	39.52	6.95	Average	100	274
4	11570.00	59.67	74.00	-14.33	52.72	6.95	Peak	100	274
5	17355.00	59.39	68.20	-8.81	53.17	6.22	Peak	100	228
6	23140.00	56.68	68.20	-11.52	50.45	6.23	Peak	100	200

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5785
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

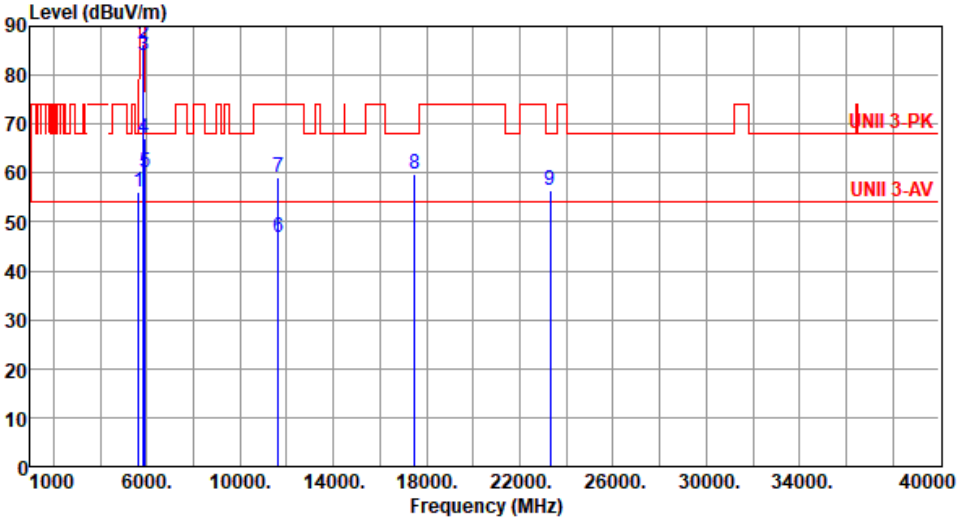


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	55.72	68.20	-12.48	55.58	0.14	Peak	100	73
2	5925.00	56.98	68.20	-11.22	55.91	1.07	Peak	100	73
3	11570.00	47.79	54.00	-6.21	40.84	6.95	Average	130	188
4	11570.00	60.35	74.00	-13.65	53.40	6.95	Peak	130	188
5	17355.00	62.00	68.20	-6.20	55.78	6.22	Peak	250	359
6	23140.00	64.44	68.20	-3.76	58.21	6.23	Peak	195	12

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66

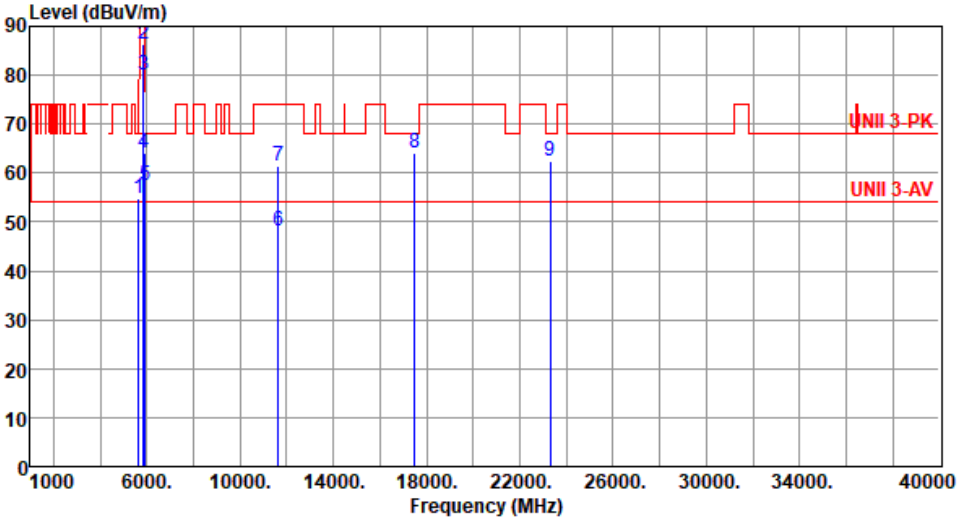


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	55.99	68.20	-12.21	55.85	0.14	Peak	100	353
2	5850.00	86.34	122.20	-35.86	85.59	0.75	Peak	100	353
3	5855.00	83.86	110.80	-26.94	83.08	0.78	Peak	100	353
4	5875.00	67.25	105.20	-37.95	66.38	0.87	Peak	100	353
5	5925.00	60.19	68.20	-8.01	59.12	1.07	Peak	100	353
6	11650.00	46.75	54.00	-7.25	40.08	6.67	Average	100	287
7	11650.00	59.05	74.00	-14.95	52.38	6.67	Peak	100	287
8	17475.00	59.86	68.20	-8.34	53.28	6.58	Peak	100	222
9	23300.00	56.58	68.20	-11.62	50.28	6.30	Peak	100	199

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE20-OFDMA	**Test Freq. (MHz)**	5825
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):24 Humidity(%):66



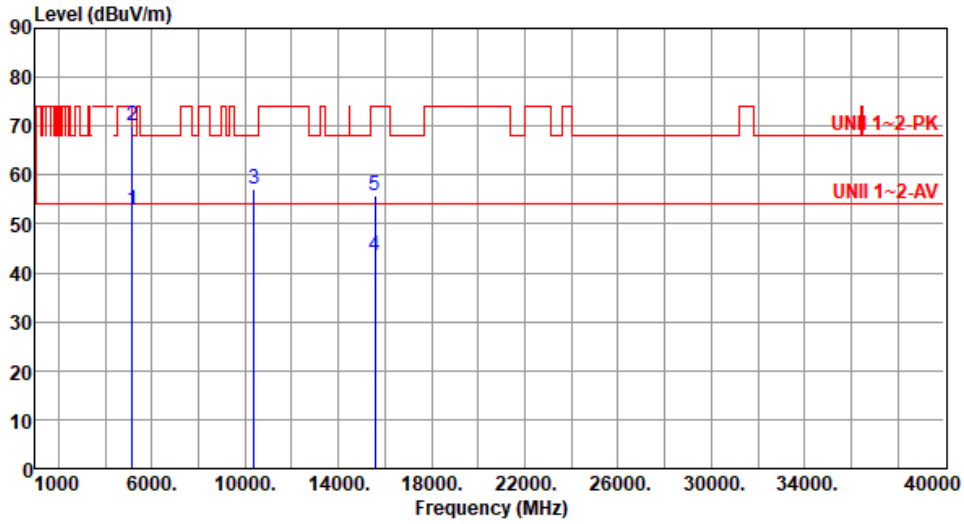
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	54.92	68.20	-13.28	54.78	0.14	Peak	100	83
2	5850.00	86.26	122.20	-35.94	85.51	0.75	Peak	100	83
3	5855.00	79.88	110.80	-30.92	79.10	0.78	Peak	100	83
4	5875.00	64.09	105.20	-41.11	63.22	0.87	Peak	100	83
5	5925.00	57.34	68.20	-10.86	56.27	1.07	Peak	100	83
6	11650.00	48.05	54.00	-5.95	41.38	6.67	Average	108	203
7	11650.00	61.29	74.00	-12.71	54.62	6.67	Peak	108	203
8	17475.00	64.06	68.20	-4.14	57.48	6.58	Peak	214	359
9	23300.00	62.44	68.20	-5.76	56.14	6.30	Peak	212	11

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE40-OFDMA

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5190
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

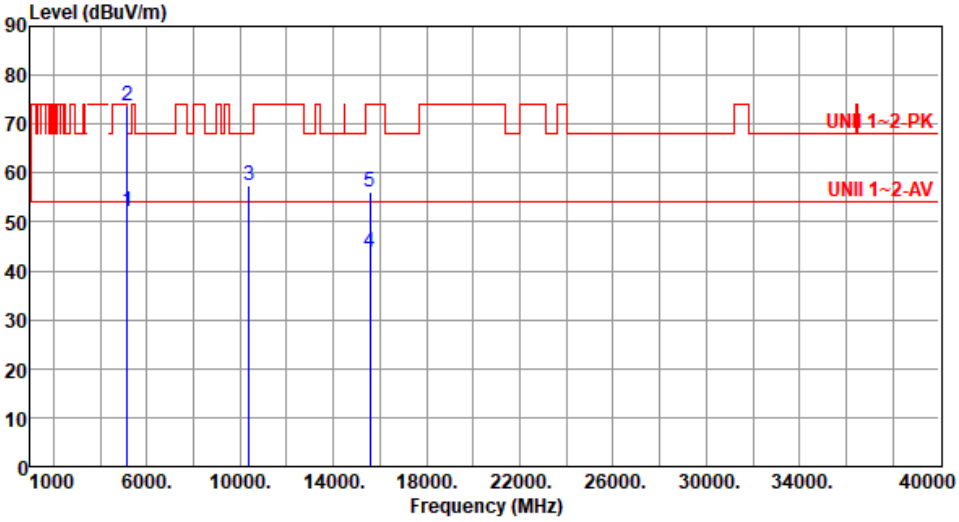


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.93	54.00	-1.07	52.79	0.14	Average	100	331
2	5150.00	70.16	74.00	-3.84	70.02	0.14	Peak	100	331
3	10380.00	57.22	68.20	-10.98	50.16	7.06	Peak	185	126
4	15570.00	43.56	54.00	-10.44	39.61	3.95	Average	100	305
5	15570.00	55.83	74.00	-18.17	51.88	3.95	Peak	100	305

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5190
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

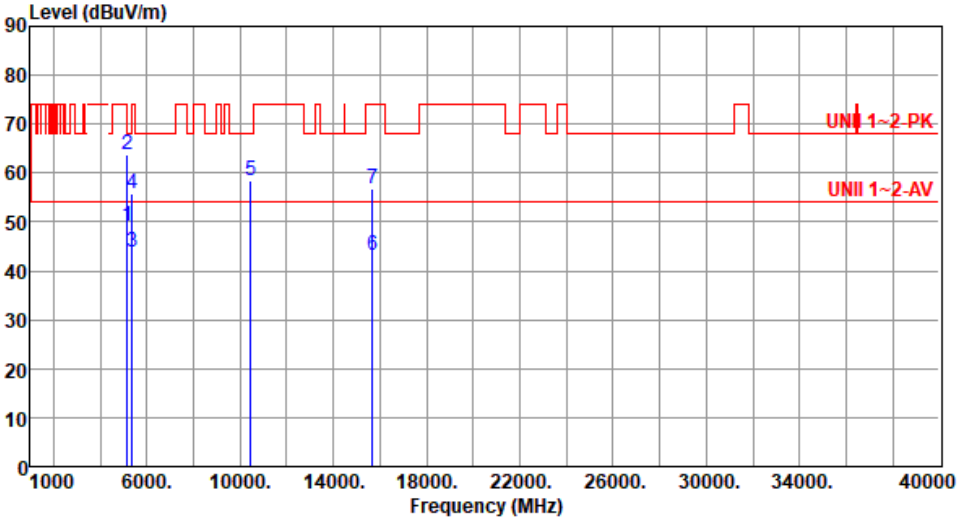


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.04	54.00	-1.96	51.90	0.14	Average	100	79
2	5150.00	73.66	74.00	-0.34	73.52	0.14	Peak	100	79
3	10380.00	57.41	68.20	-10.79	50.35	7.06	Peak	100	95
4	15570.00	43.85	54.00	-10.15	39.90	3.95	Average	100	132
5	15570.00	56.29	74.00	-17.71	52.34	3.95	Peak	100	132

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5230
Polarization	Horizontal		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

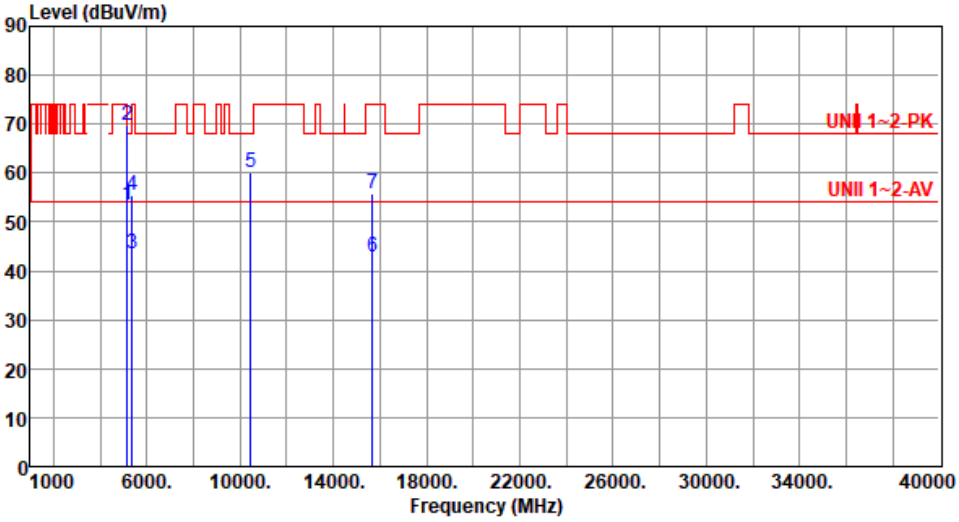


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	49.17	54.00	-4.83	49.03	0.14	Average	100	336
2	5150.00	63.86	74.00	-10.14	63.72	0.14	Peak	100	336
3	5350.00	43.95	54.00	-10.05	44.24	-0.29	Average	100	336
4	5350.00	55.89	74.00	-18.11	56.18	-0.29	Peak	100	336
5	10460.00	58.31	68.20	-9.89	51.15	7.16	Peak	100	129
6	15690.00	43.10	54.00	-10.90	39.28	3.82	Average	100	215
7	15690.00	56.76	74.00	-17.24	52.94	3.82	Peak	100	215

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5230
Polarization	Vertical		

Test By :Paul Lin Temperature(℃):25 Humidity(%):66

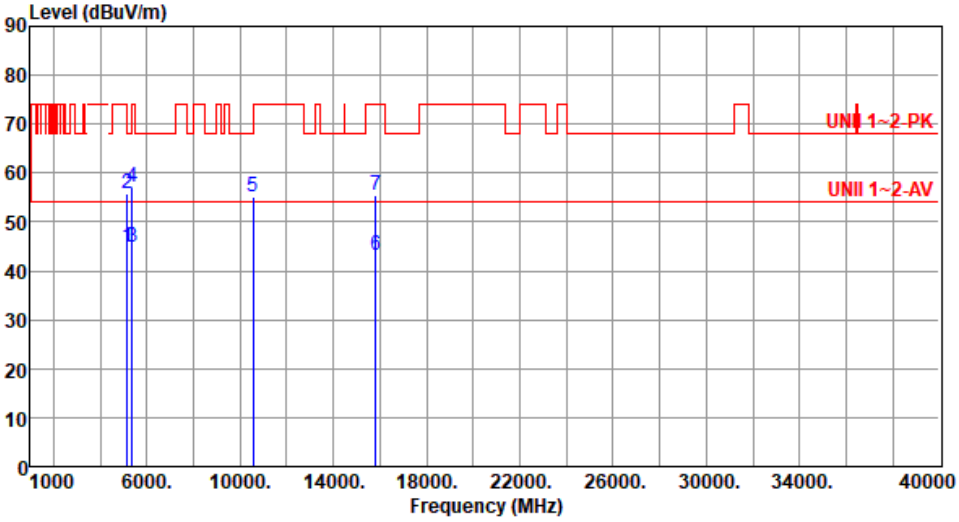


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.55	54.00	-0.45	53.41	0.14	Average	100	24
2	5150.00	69.63	74.00	-4.37	69.49	0.14	Peak	100	24
3	5350.00	43.50	54.00	-10.50	43.79	-0.29	Average	100	81
4	5350.00	55.60	74.00	-18.40	55.89	-0.29	Peak	100	81
5	10460.00	59.96	68.20	-8.24	52.80	7.16	Peak	100	71
6	15690.00	42.99	54.00	-11.01	39.17	3.82	Average	100	251
7	15690.00	55.72	74.00	-18.28	51.90	3.82	Peak	100	251

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5270
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

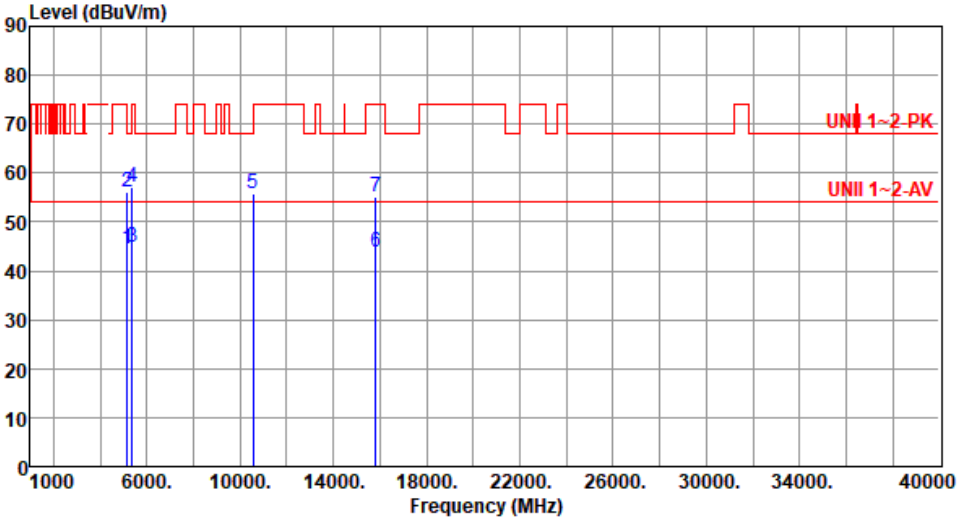


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	44.77	54.00	-9.23	44.63	0.14	Average	100	334
2	5150.00	55.94	74.00	-18.06	55.80	0.14	Peak	100	334
3	5350.00	44.97	54.00	-9.03	45.26	-0.29	Average	100	334
4	5350.00	57.22	74.00	-16.78	57.51	-0.29	Peak	100	334
5	10540.00	55.25	68.20	-12.95	48.07	7.18	Peak	100	139
6	15810.00	43.16	54.00	-10.84	39.26	3.90	Average	100	225
7	15810.00	55.58	74.00	-18.42	51.68	3.90	Peak	100	225

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5270
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

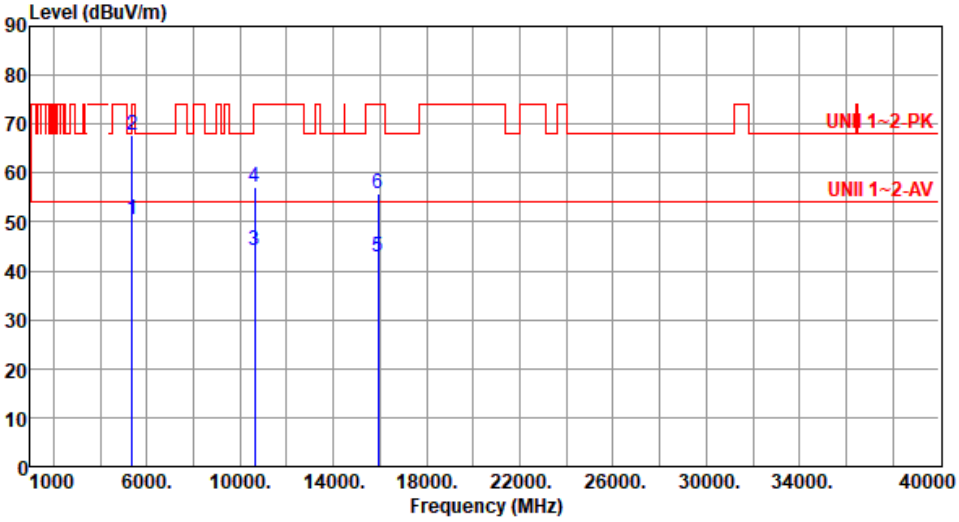


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	44.47	54.00	-9.53	44.33	0.14	Average	100	67
2	5150.00	56.24	74.00	-17.76	56.10	0.14	Peak	100	67
3	5350.00	44.72	54.00	-9.28	45.01	-0.29	Average	100	67
4	5350.00	56.96	74.00	-17.04	57.25	-0.29	Peak	100	67
5	10540.00	55.72	68.20	-12.48	48.54	7.18	Peak	100	96
6	15810.00	43.84	54.00	-10.16	39.94	3.90	Average	100	161
7	15810.00	55.29	74.00	-18.71	51.39	3.90	Peak	100	161

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5310
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

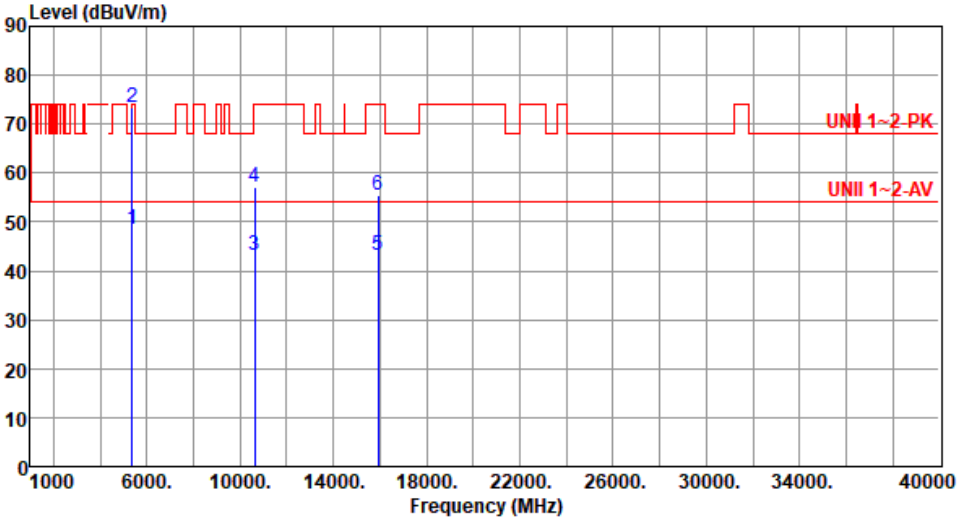


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	50.35	54.00	-3.65	50.64	-0.29	Average	100	338
2	5350.00	67.59	74.00	-6.41	67.88	-0.29	Peak	100	338
3	10620.00	44.13	54.00	-9.87	36.98	7.15	Average	205	146
4	10620.00	57.25	74.00	-16.75	50.10	7.15	Peak	205	146
5	15930.00	42.84	54.00	-11.16	38.79	4.05	Average	100	198
6	15930.00	55.71	74.00	-18.29	51.66	4.05	Peak	100	198

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5310
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

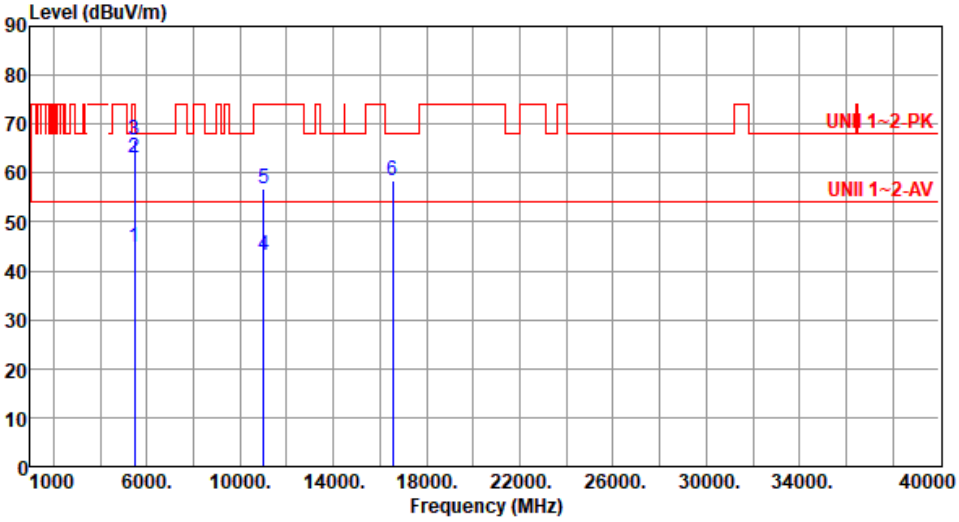


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	48.60	54.00	-5.40	48.89	-0.29	Average	100	30
2	5350.00	73.56	74.00	-0.44	73.85	-0.29	Peak	100	30
3	10620.00	43.28	54.00	-10.72	36.13	7.15	Average	100	91
4	10620.00	57.16	74.00	-16.84	50.01	7.15	Peak	100	91
5	15930.00	43.28	54.00	-10.72	39.23	4.05	Average	100	122
6	15930.00	55.34	74.00	-18.66	51.29	4.05	Peak	100	122

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5510
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

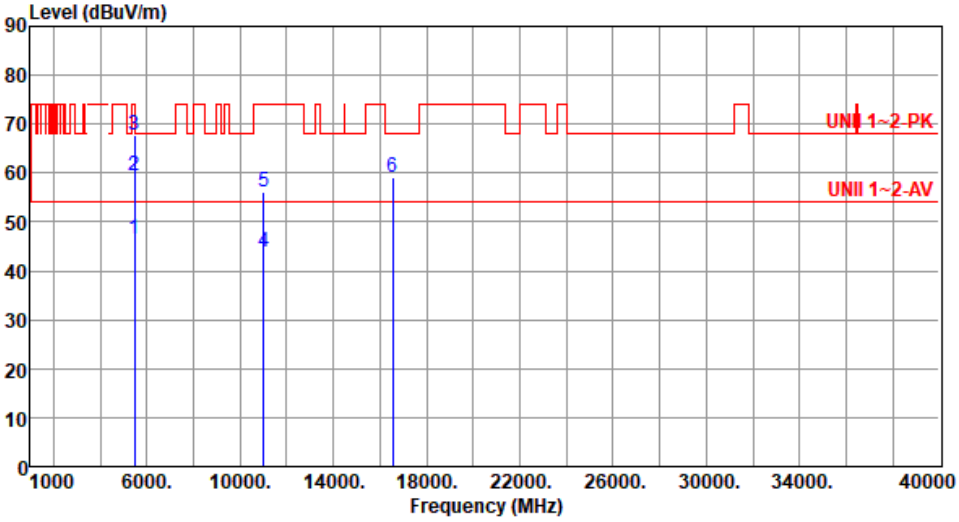


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	44.85	54.00	-9.15	44.88	-0.03	Average	100	315
2	5460.00	63.06	74.00	-10.94	63.09	-0.03	Peak	100	315
3	5470.00	66.82	68.20	-1.38	66.83	-0.01	Peak	100	315
4	11020.00	43.26	54.00	-10.74	35.82	7.44	Average	100	235
5	11020.00	56.88	74.00	-17.12	49.44	7.44	Peak	100	235
6	16530.00	58.45	68.20	-9.75	52.47	5.98	Peak	100	104

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5510
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

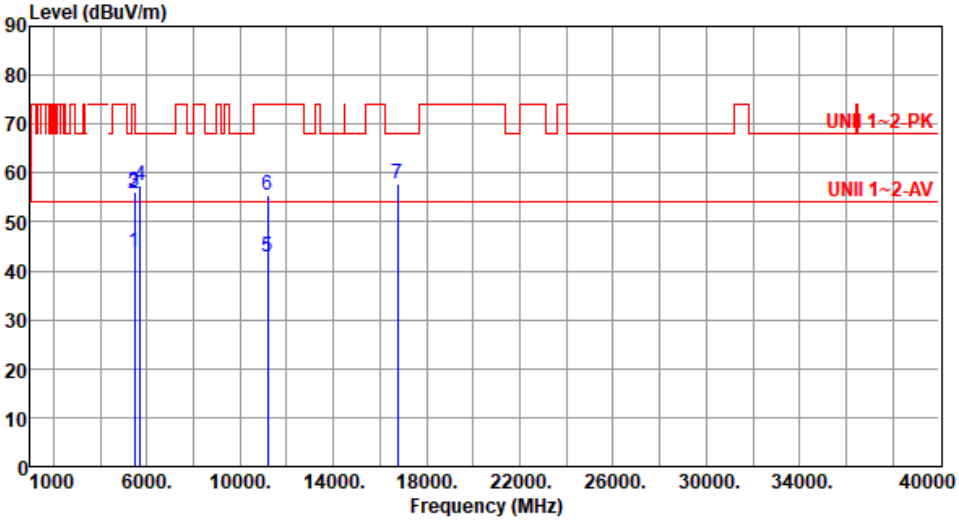


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	46.60	54.00	-7.40	46.63	-0.03	Average	100	41
2	5460.00	59.29	74.00	-14.71	59.32	-0.03	Peak	100	41
3	5470.00	67.79	68.20	-0.41	67.80	-0.01	Peak	100	41
4	11020.00	43.92	54.00	-10.08	36.48	7.44	Average	125	153
5	11020.00	56.26	74.00	-17.74	48.82	7.44	Peak	125	153
6	16530.00	59.18	68.20	-9.02	53.20	5.98	Peak	100	119

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5590
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

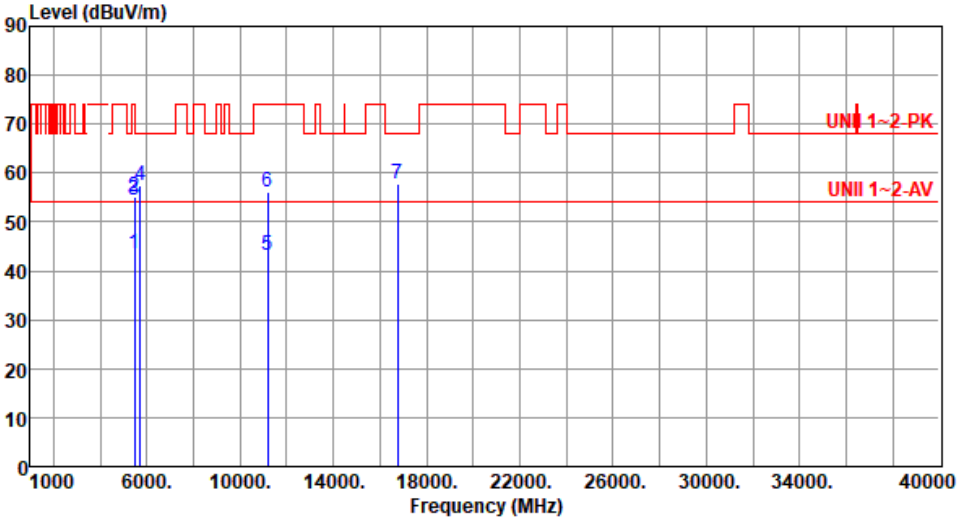


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.94	54.00	-10.06	43.97	-0.03	Average	100	355
2	5460.00	55.81	74.00	-18.19	55.84	-0.03	Peak	100	355
3	5470.00	56.10	68.20	-12.10	56.11	-0.01	Peak	100	355
4	5725.00	57.32	68.20	-10.88	56.84	0.48	Peak	100	355
5	11180.00	42.89	54.00	-11.11	36.07	6.82	Average	100	254
6	11180.00	55.32	74.00	-18.68	48.50	6.82	Peak	100	254
7	16770.00	57.86	68.20	-10.34	51.40	6.46	Peak	100	103

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5590
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

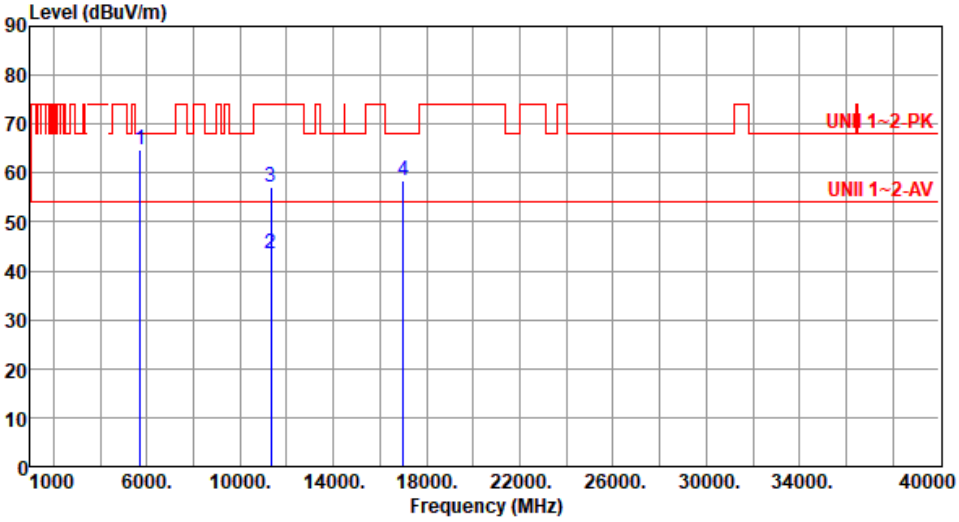


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.49	54.00	-10.51	43.52	-0.03	Average	100	13
2	5460.00	55.29	74.00	-18.71	55.32	-0.03	Peak	100	13
3	5470.00	54.34	68.20	-13.86	54.35	-0.01	Peak	100	13
4	5725.00	57.52	68.20	-10.68	57.04	0.48	Peak	100	13
5	11180.00	43.31	54.00	-10.69	36.49	6.82	Average	100	156
6	11180.00	56.15	74.00	-17.85	49.33	6.82	Peak	100	156
7	16770.00	57.88	68.20	-10.32	51.42	6.46	Peak	100	235

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5670
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

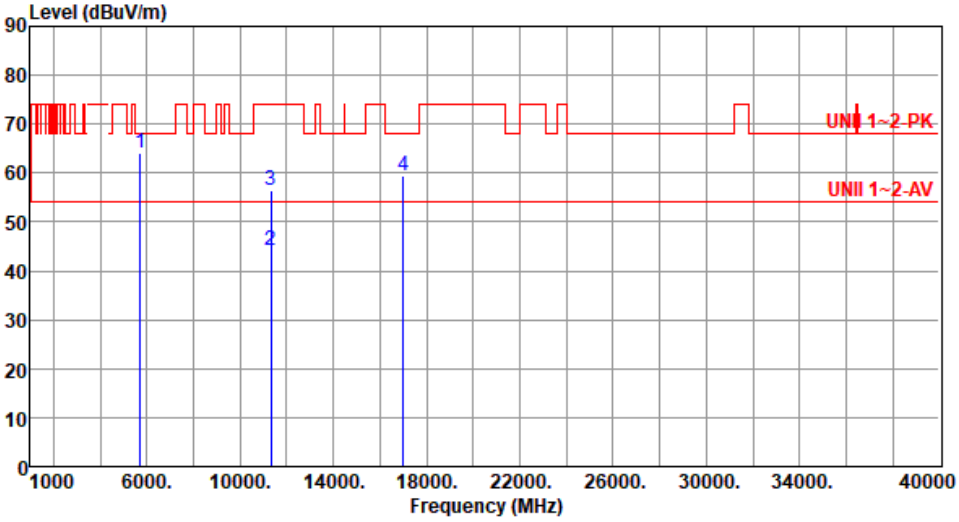


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	64.71	68.20	-3.49	64.23	0.48	Peak	100	354
2	11340.00	43.35	54.00	-10.65	36.49	6.86	Average	100	249
3	11340.00	57.28	74.00	-16.72	50.42	6.86	Peak	100	249
4	17010.00	58.44	68.20	-9.76	52.19	6.25	Peak	100	62

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5670
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

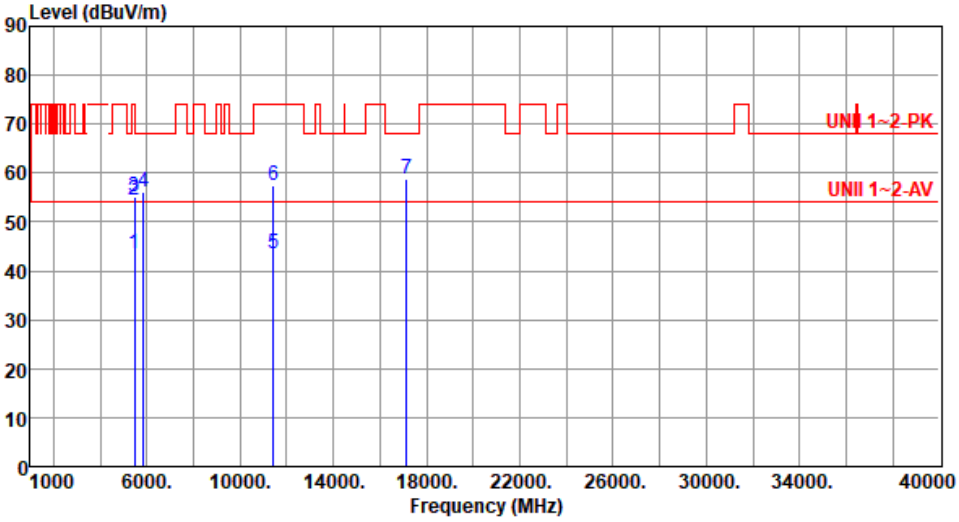


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5725.00	63.99	68.20	-4.21	63.51	0.48	Peak	100	20
2	11340.00	44.14	54.00	-9.86	37.28	6.86	Average	121	139
3	11340.00	56.38	74.00	-17.62	49.52	6.86	Peak	121	139
4	17010.00	59.41	68.20	-8.79	53.16	6.25	Peak	100	91

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5710
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

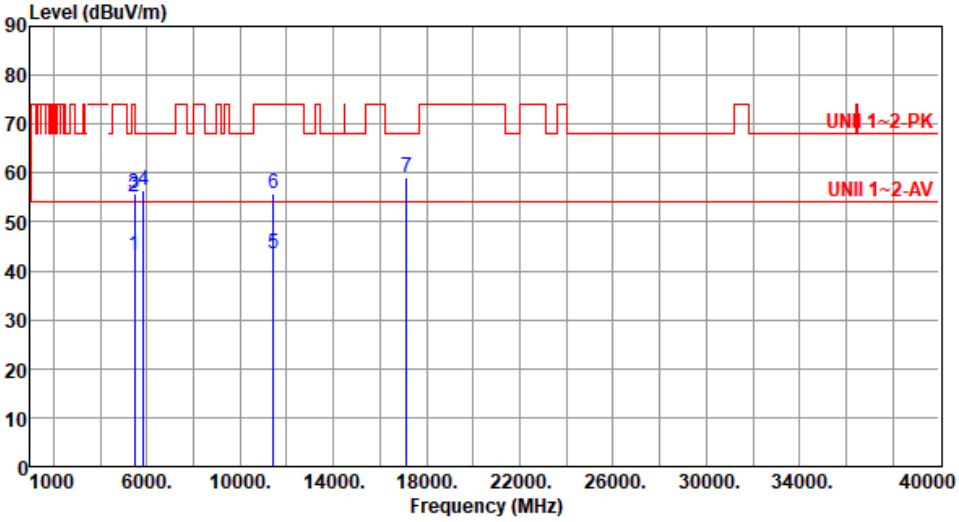


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.54	54.00	-10.46	43.57	-0.03	Average	100	358
2	5460.00	54.44	74.00	-19.56	54.47	-0.03	Peak	100	358
3	5470.00	55.16	68.20	-13.04	55.17	-0.01	Peak	100	358
4	5850.00	56.24	68.20	-11.96	55.49	0.75	Peak	100	358
5	11420.00	43.56	54.00	-10.44	36.50	7.06	Average	100	265
6	11420.00	57.55	74.00	-16.45	50.49	7.06	Peak	100	265
7	17130.00	58.86	68.20	-9.34	52.86	6.00	Peak	100	84

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5710
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

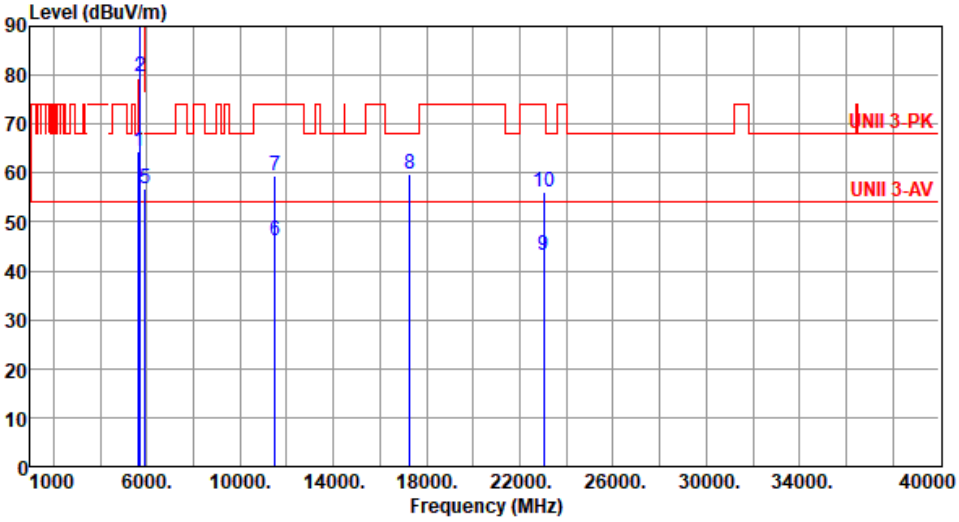


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	43.28	54.00	-10.72	43.31	-0.03	Average	100	102
2	5460.00	55.07	74.00	-18.93	55.10	-0.03	Peak	100	102
3	5470.00	55.91	68.20	-12.29	55.92	-0.01	Peak	100	102
4	5850.00	56.57	68.20	-11.63	55.82	0.75	Peak	100	102
5	11420.00	43.46	54.00	-10.54	36.40	7.06	Average	100	148
6	11420.00	55.74	74.00	-18.26	48.68	7.06	Peak	100	148
7	17130.00	59.22	68.20	-8.98	53.22	6.00	Peak	100	264

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5755
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

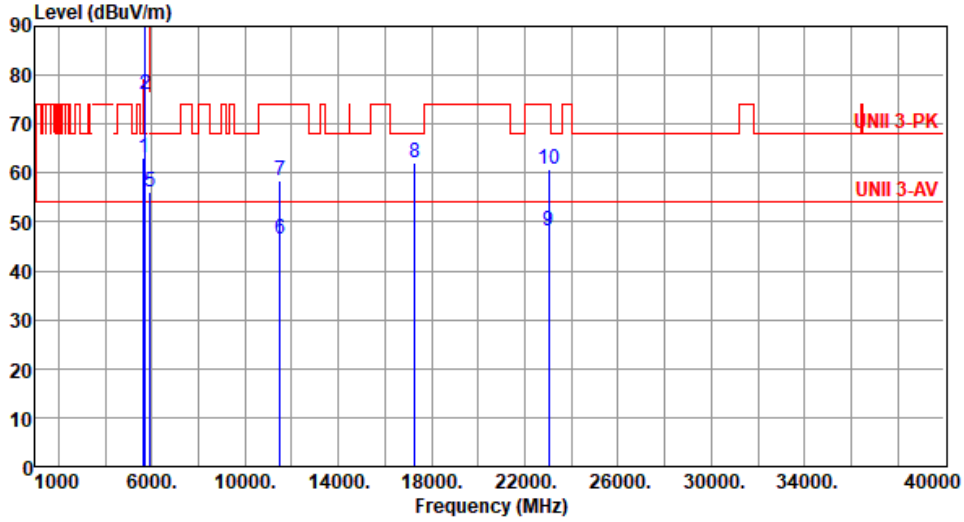


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	64.34	68.20	-3.86	64.20	0.14	Peak	108	352
2	5700.00	79.65	105.20	-25.55	79.29	0.36	Peak	108	352
3	5720.00	92.03	110.80	-18.77	91.57	0.46	Peak	108	352
4	5725.00	93.51	122.20	-28.69	93.03	0.48	Peak	108	352
5	5925.00	56.83	68.20	-11.37	55.76	1.07	Peak	108	352
6	11510.00	46.11	54.00	-7.89	38.96	7.15	Average	100	269
7	11510.00	59.48	74.00	-14.52	52.33	7.15	Peak	100	269
8	17265.00	59.69	68.20	-8.51	53.64	6.05	Peak	100	189
9	23020.00	43.25	54.00	-10.75	37.05	6.20	Average	100	192
10	23020.00	56.13	74.00	-17.87	49.93	6.20	Peak	100	192

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5755
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

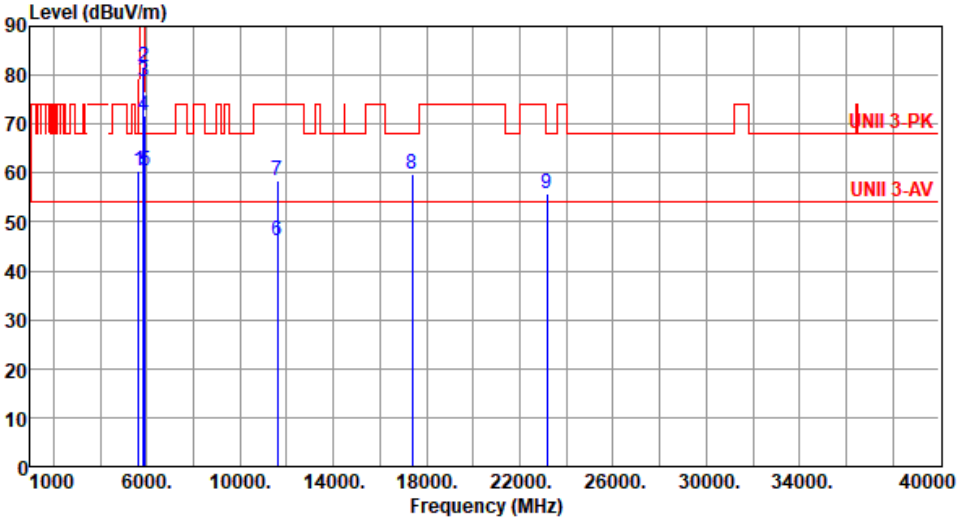


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	62.96	68.20	-5.24	62.82	0.14	Peak	100	69
2	5700.00	76.03	105.20	-29.17	75.67	0.36	Peak	100	69
3	5720.00	91.00	110.80	-19.80	90.54	0.46	Peak	100	69
4	5725.00	93.37	122.20	-28.83	92.89	0.48	Peak	100	69
5	5925.00	56.19	68.20	-12.01	55.12	1.07	Peak	100	69
6	11510.00	46.62	54.00	-7.38	39.47	7.15	Average	100	203
7	11510.00	58.51	74.00	-15.49	51.36	7.15	Peak	100	203
8	17265.00	61.98	68.20	-6.22	55.93	6.05	Peak	192	347
9	23020.00	48.05	54.00	-5.95	41.85	6.20	Average	181	24
10	23020.00	60.66	74.00	-13.34	54.46	6.20	Peak	181	24

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5795
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

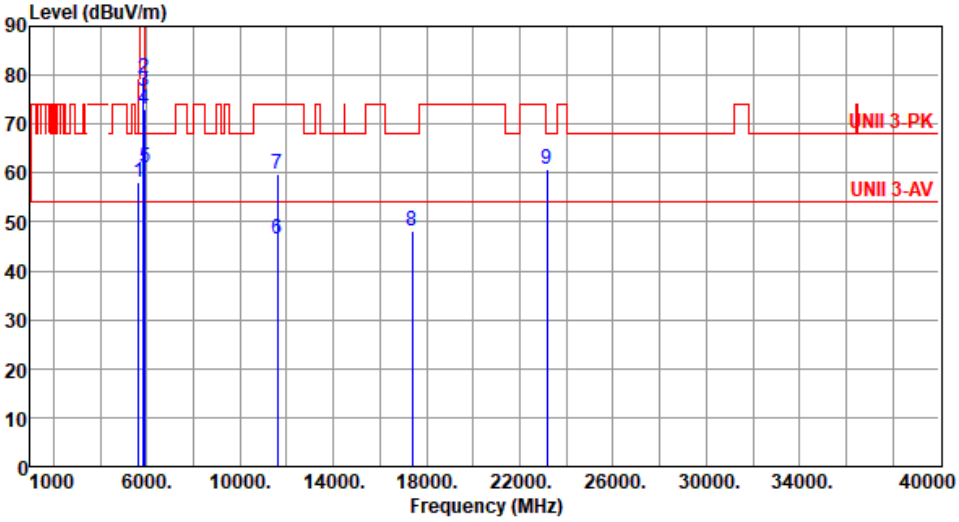


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	60.59	68.20	-7.61	60.45	0.14	Peak	100	358
2	5850.00	81.70	122.20	-40.50	80.95	0.75	Peak	100	358
3	5855.00	78.68	110.80	-32.12	77.90	0.78	Peak	100	358
4	5875.00	71.66	105.20	-33.54	70.79	0.87	Peak	100	358
5	5925.00	60.39	68.20	-7.81	59.32	1.07	Peak	100	358
6	11590.00	46.21	54.00	-7.79	39.34	6.87	Average	100	254
7	11590.00	58.53	74.00	-15.47	51.66	6.87	Peak	100	254
8	17385.00	59.86	68.20	-8.34	53.53	6.33	Peak	100	125
9	23180.00	55.74	68.20	-12.46	49.48	6.26	Peak	100	164

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE40-OFDMA	**Test Freq. (MHz)**	5795
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66



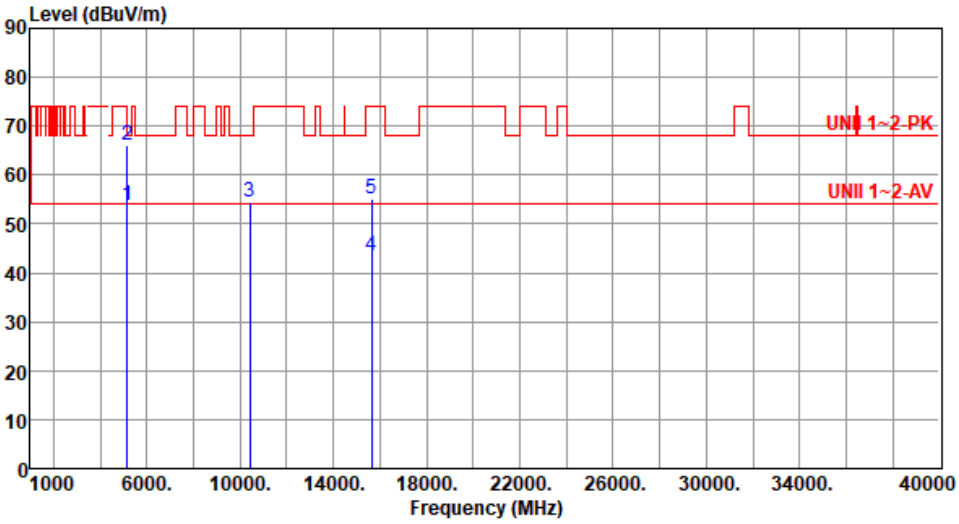
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5650.00	58.16	68.20	-10.04	58.02	0.14	Peak	100	71
2	5850.00	79.42	122.20	-42.78	78.67	0.75	Peak	100	71
3	5855.00	76.76	110.80	-34.04	75.98	0.78	Peak	100	71
4	5875.00	72.96	105.20	-32.24	72.09	0.87	Peak	100	71
5	5925.00	61.15	68.20	-7.05	60.08	1.07	Peak	100	71
6	11590.00	46.62	54.00	-7.38	39.75	6.87	Average	100	195
7	11590.00	59.71	74.00	-14.29	52.84	6.87	Peak	100	195
8	17385.00	48.26	68.20	-19.94	41.93	6.33	Peak	248	9
9	23180.00	60.84	68.20	-7.36	54.58	6.26	Peak	188	27

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Unwanted Emissions (Above 1GHz) for ax HE80-OFDMA

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5210
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

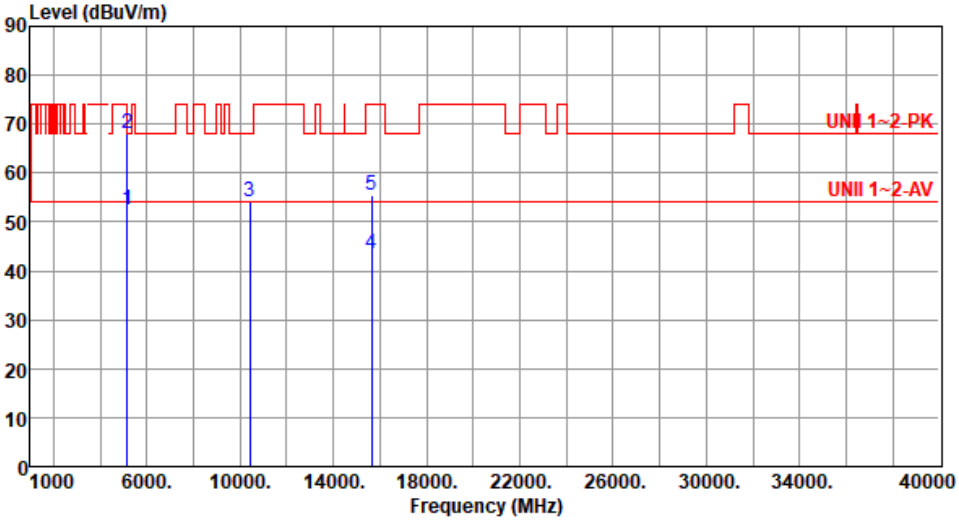


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	53.73	54.00	-0.27	53.59	0.14	Average	100	330
2	5150.00	66.07	74.00	-7.93	65.93	0.14	Peak	100	330
3	10420.00	54.31	68.20	-13.89	47.18	7.13	Peak	100	161
4	15630.00	43.44	54.00	-10.56	39.61	3.83	Average	100	235
5	15630.00	55.25	74.00	-18.75	51.42	3.83	Peak	100	235

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5210
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

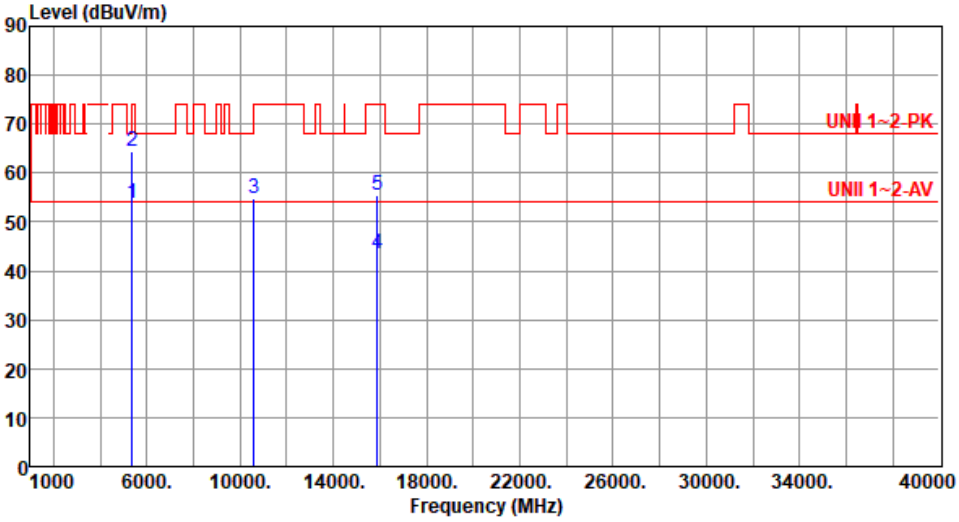


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.33	54.00	-1.67	52.19	0.14	Average	100	76
2	5150.00	68.05	74.00	-5.95	67.91	0.14	Peak	100	76
3	10420.00	54.14	68.20	-14.06	47.01	7.13	Peak	100	141
4	15630.00	43.58	54.00	-10.42	39.75	3.83	Average	100	114
5	15630.00	55.61	74.00	-18.39	51.78	3.83	Peak	100	114

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5290
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

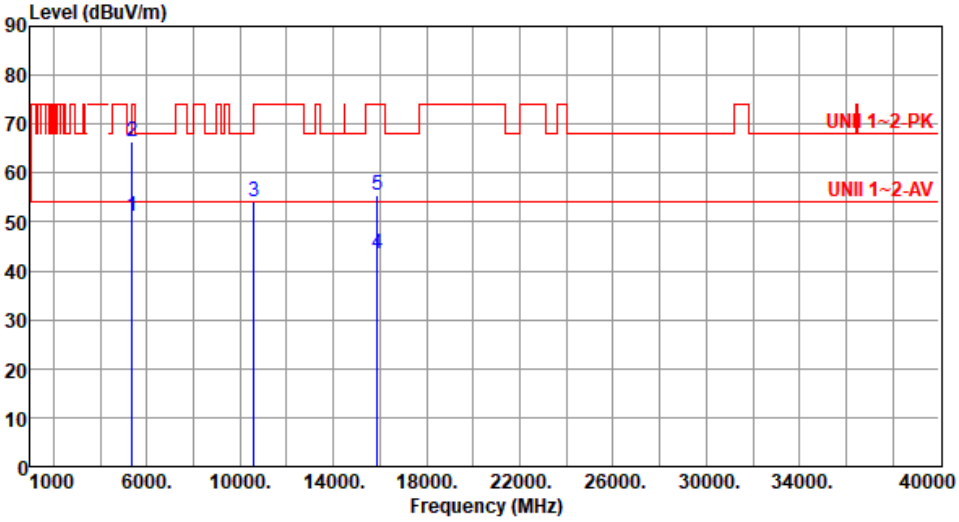


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	53.68	54.00	-0.32	53.97	-0.29	Average	100	339
2	5350.00	64.45	74.00	-9.55	64.74	-0.29	Peak	100	339
3	10580.00	54.77	68.20	-13.43	47.59	7.18	Peak	100	132
4	15870.00	43.54	54.00	-10.46	39.53	4.01	Average	100	246
5	15870.00	55.45	74.00	-18.55	51.44	4.01	Peak	100	246

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5290
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

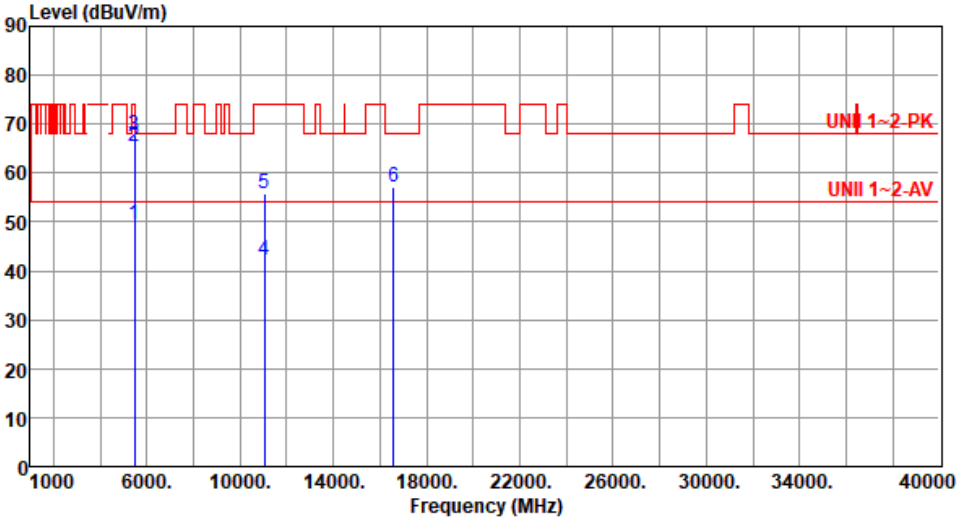


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5350.00	51.23	54.00	-2.77	51.52	-0.29	Average	100	80
2	5350.00	66.32	74.00	-7.68	66.61	-0.29	Peak	100	80
3	10580.00	54.25	68.20	-13.95	47.07	7.18	Peak	100	129
4	15870.00	43.52	54.00	-10.48	39.51	4.01	Average	100	96
5	15870.00	55.43	74.00	-18.57	51.42	4.01	Peak	100	96

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5530
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

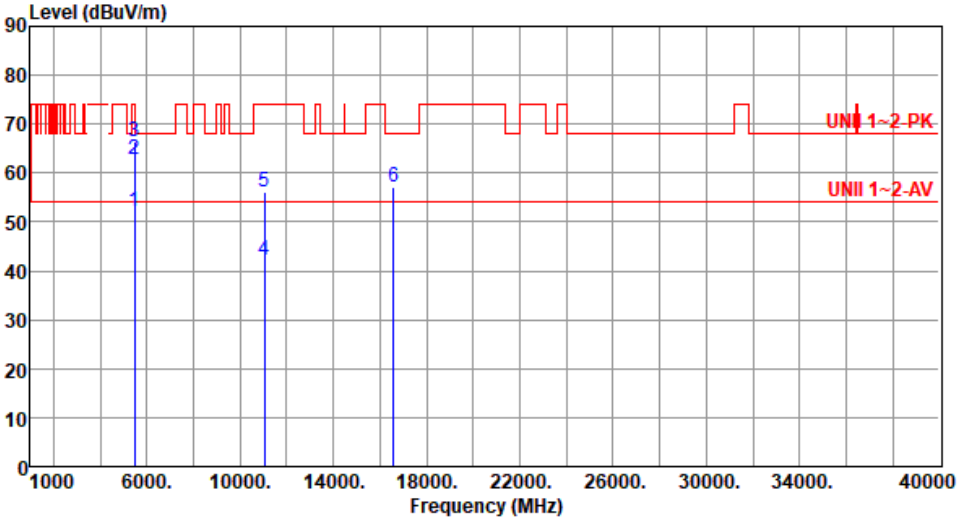


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	49.60	54.00	-4.40	49.63	-0.03	Average	100	349
2	5460.00	65.51	74.00	-8.49	65.54	-0.03	Peak	100	349
3	5470.00	67.76	68.20	-0.44	67.77	-0.01	Peak	100	349
4	11060.00	42.17	54.00	-11.83	34.82	7.35	Average	100	214
5	11060.00	55.93	74.00	-18.07	48.58	7.35	Peak	100	214
6	16590.00	57.26	68.20	-10.94	51.31	5.95	Peak	100	98

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5530
Polarization	Vertical		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66

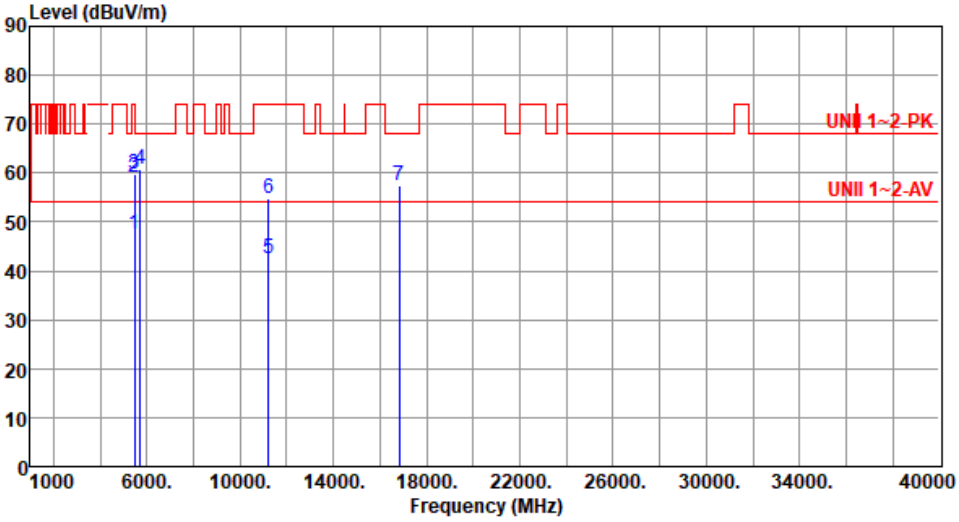


	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	52.02	54.00	-1.98	52.05	-0.03	Average	100	27
2	5460.00	62.82	74.00	-11.18	62.85	-0.03	Peak	100	27
3	5470.00	66.45	68.20	-1.75	66.46	-0.01	Peak	100	27
4	11060.00	42.34	54.00	-11.66	34.99	7.35	Average	100	245
5	11060.00	56.15	74.00	-17.85	48.80	7.35	Peak	100	245
6	16590.00	57.25	68.20	-10.95	51.30	5.95	Peak	100	119

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Modulation	ax HE80-OFDMA	**Test Freq. (MHz)**	5610
Polarization	Horizontal		

Test By :Sean Yu Temperature(℃):25 Humidity(%):66



	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5460.00	47.38	54.00	-6.62	47.41	-0.03	Average	100	356
2	5460.00	59.17	74.00	-14.83	59.20	-0.03	Peak	100	356
3	5470.00	59.69	68.20	-8.51	59.70	-0.01	Peak	100	356
4	5725.00	60.83	68.20	-7.37	60.35	0.48	Peak	100	356
5	11220.00	42.36	54.00	-11.64	35.64	6.72	Average	100	268
6	11220.00	54.95	74.00	-19.05	48.23	6.72	Peak	100	268
7	16830.00	57.29	68.20	-10.91	50.64	6.65	Peak	100	105

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)
*Factor includes antenna factor , cable loss and amplifier gain
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).