



Beamforming mode

Summary

Mode	PD (dBm/RBW)	EIRP PD (dBm/RBW)
5.15-5.25GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	13.29	22.29
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	11.67	20.67
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	4.11	13.11
5.25-5.35GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.32	16.46
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	6.02	15.16
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.17	12.31
5.47-5.725GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	7.15	16.76
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	5.62	15.23
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	2.81	12.42
5.725-5.85GHz	-	-
802.11ax HEW20-BF_Nss1,(MCS0)_4TX	12.12	21.87
802.11ax HEW40-BF_Nss1,(MCS0)_4TX	9.69	19.44
802.11ax HEW80-BF_Nss1,(MCS0)_4TX	3.82	13.57

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)	Port 3 (dBm/RBW)	Port 4 (dBm/RBW)	PD (dBm/RBW)	PD Limit (dBm/RBW)	EIRP PD (dBm/RBW)	EIRP PD Limit (dBm/RBW)
802.11ax HEW20-BF_Nss1,(MCS0)_4TX										
5180MHz	Pass	8.996	6.54	5.92	6.52	5.89	11.98	14.00	20.98	23.00
5200MHz	Pass	8.996	7.96	6.70	7.80	7.53	13.29	14.00	22.29	23.00
5240MHz	Pass	8.996	7.71	7.25	7.65	6.83	13.17	14.00	22.17	23.00
5260MHz	Pass	9.137	1.23	1.87	1.32	0.84	7.15	7.86	16.29	17.00
5300MHz	Pass	9.137	1.43	1.30	1.78	0.70	7.12	7.86	16.26	17.00
5320MHz	Pass	9.137	1.55	1.90	1.66	0.94	7.32	7.86	16.46	17.00
5500MHz	Pass	9.605	1.53	1.22	1.60	0.58	7.07	7.39	16.68	17.00
5580MHz	Pass	9.605	1.37	1.56	1.66	1.11	7.15	7.39	16.76	17.00
5700MHz	Pass	9.605	1.36	1.19	0.76	0.30	6.80	7.39	16.41	17.00
5720MHz Straddle 5.47-5.725GHz	Pass	9.605	1.25	1.16	0.85	0.30	6.75	7.39	16.36	17.00
5720MHz Straddle 5.725-5.85GHz	Pass	9.748	-1.33	-1.09	-1.91	-2.02	4.40	26.25	14.15	36.00
5745MHz	Pass	9.748	6.13	6.73	6.48	5.97	12.12	26.25	21.87	36.00
5785MHz	Pass	9.748	6.05	6.18	6.28	5.09	11.71	26.25	21.46	36.00
5825MHz	Pass	9.748	6.18	6.18	6.13	5.35	11.78	26.25	21.53	36.00
802.11ax HEW40-BF_Nss1,(MCS0)_4TX										
5190MHz	Pass	8.996	1.70	1.03	1.49	1.31	7.24	14.00	16.24	23.00
5230MHz	Pass	8.996	6.13	5.51	6.34	5.25	11.67	14.00	20.67	23.00
5270MHz	Pass	9.137	0.23	0.72	0.16	-0.37	5.97	7.86	15.11	17.00
5310MHz	Pass	9.137	0.28	0.27	0.28	-0.20	6.02	7.86	15.16	17.00
5510MHz	Pass	9.605	0.03	-0.45	0.02	-0.46	5.61	7.39	15.21	17.00
5590MHz	Pass	9.605	-0.22	0.17	0.07	-0.66	5.62	7.39	15.23	17.00
5670MHz	Pass	9.605	-0.15	-0.28	0.01	-0.97	5.49	7.39	15.10	17.00
5710MHz Straddle 5.47-5.725GHz	Pass	9.605	0.03	-0.23	-0.36	-0.84	5.50	7.39	15.11	17.00
5710MHz Straddle 5.725-5.85GHz	Pass	9.748	-4.70	-4.51	-5.26	-5.84	0.84	26.25	10.59	36.00
5755MHz	Pass	9.748	2.60	3.27	3.11	2.53	8.66	26.25	18.41	36.00
5795MHz	Pass	9.748	4.26	4.28	4.35	2.71	9.69	26.25	19.44	36.00
802.11ax HEW80-BF_Nss1,(MCS0)_4TX										
5210MHz	Pass	8.996	-0.34	-1.37	-2.18	-3.98	4.11	14.00	13.11	23.00
5290MHz	Pass	9.137	-2.48	-2.07	-2.65	-3.61	3.17	7.86	12.31	17.00
5530MHz	Pass	9.605	-2.58	-3.25	-2.69	-3.58	2.81	7.39	12.42	17.00
5610MHz	Pass	9.605	-3.23	-3.99	-2.51	-3.68	2.60	7.39	12.21	17.00
5690MHz Straddle 5.47-5.725GHz	Pass	9.605	-2.92	-2.95	-2.97	-3.63	2.69	7.39	12.29	17.00
5690MHz Straddle 5.725-5.85GHz	Pass	9.748	-8.82	-8.55	-8.44	-9.21	-2.79	26.25	6.96	36.00
5775MHz	Pass	9.748	-2.26	-1.28	-1.86	-2.74	3.82	26.25	13.57	36.00

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;

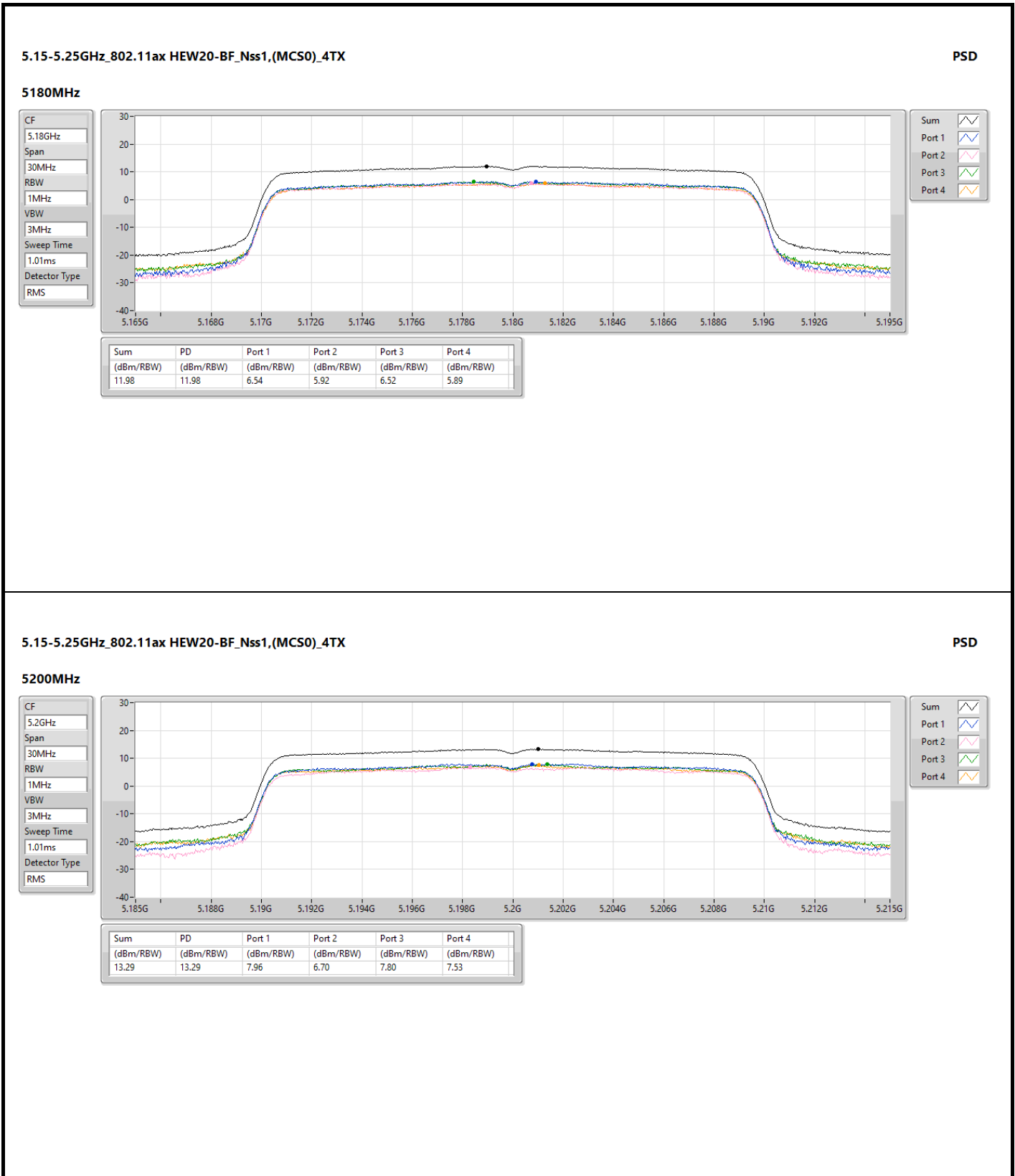


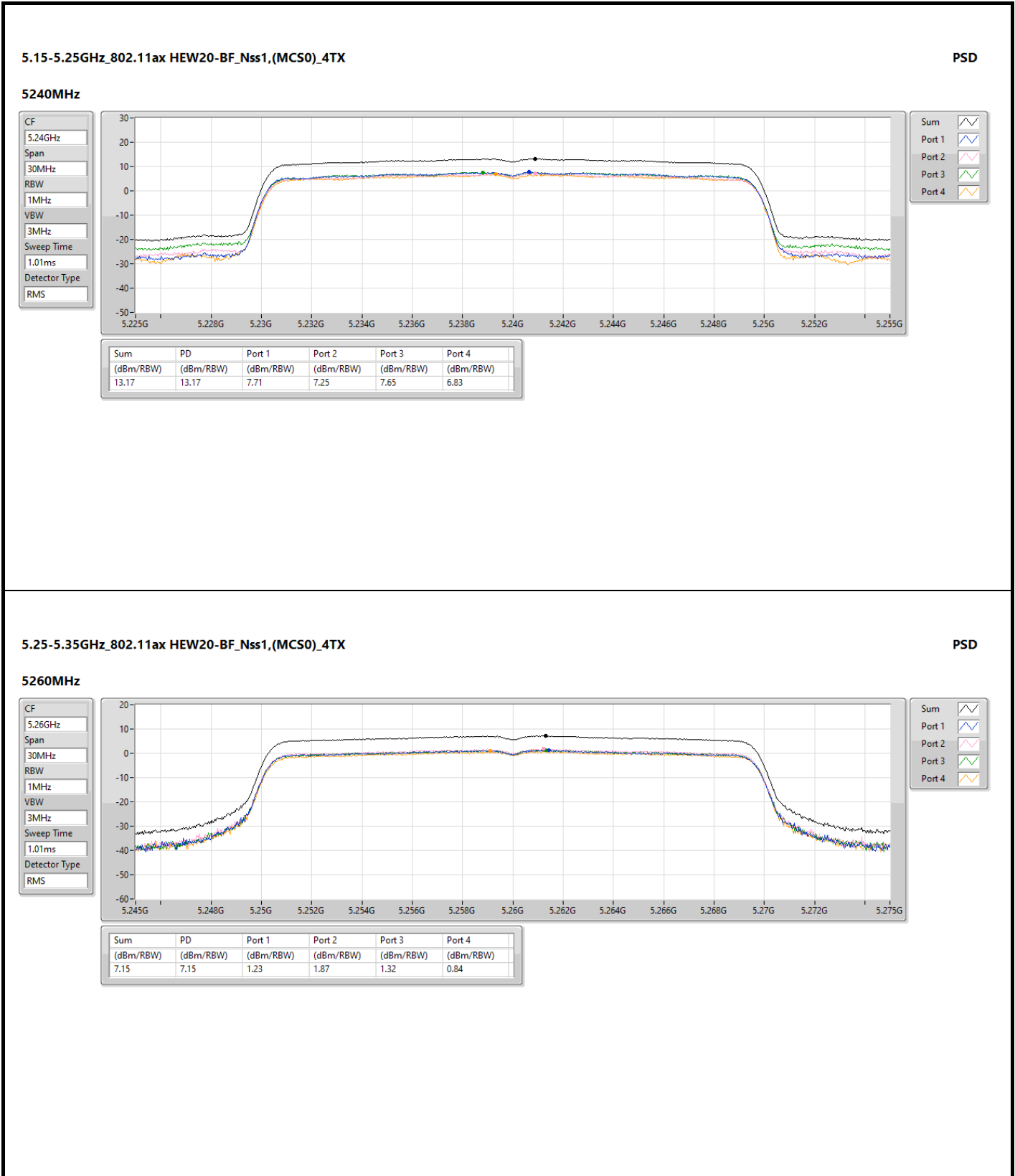
Directional Gain

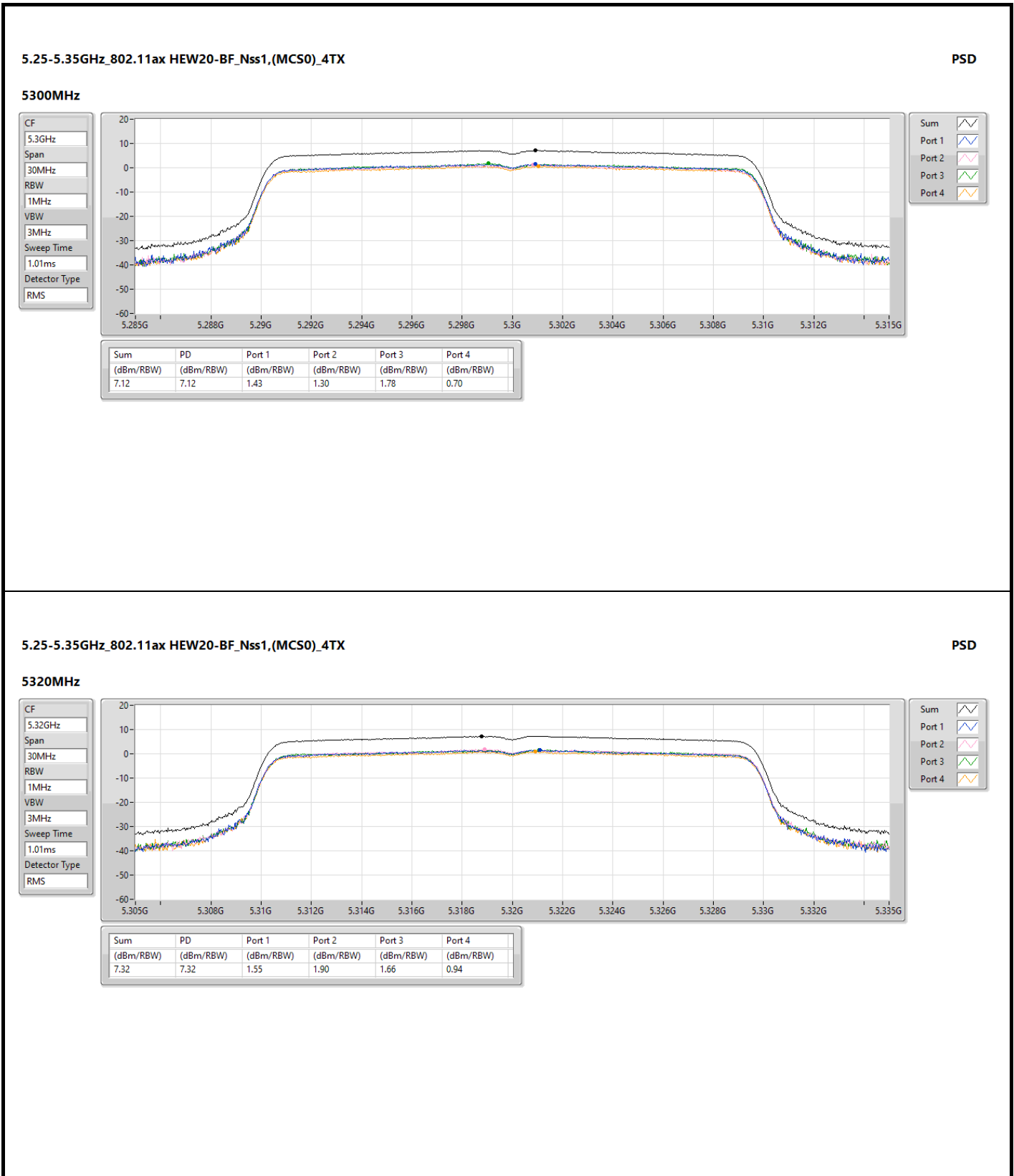
Antenna	Antenna Gain (dBi)			
	5150 ~ 5250 MHz	5250 ~ 5350 MHz	5470 ~ 5725 MHz	5725 ~ 5850 MHz
Antenna_5G1	2.894	2.729	3.984	3.437
Antenna_5G2	3.193	3.314	3.512	3.464
Antenna_5G3	2.683	3.289	3.524	4.705
Antenna_5G4	3.121	3.121	3.305	3.224
Directional gain	8.996	9.137	9.605	9.748
Power limit (Antenna gain <= 6dBi)	17	11	11	30
Power limit (Antenna gain > 6dBi)	14.00	7.86	7.39	26.25

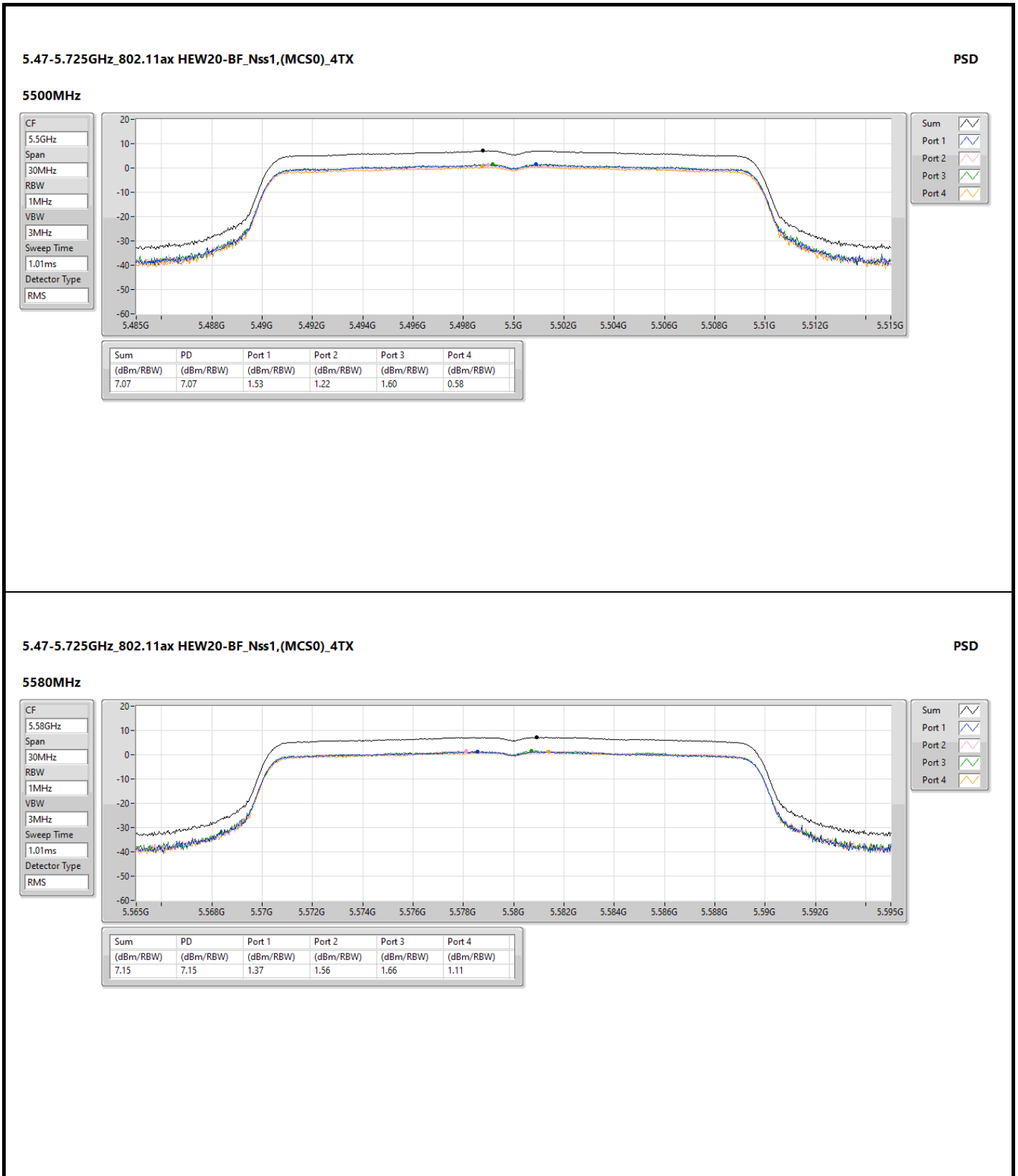
Note 1: Directional gain = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{Gn/20})^2 / N_{ANT}]$

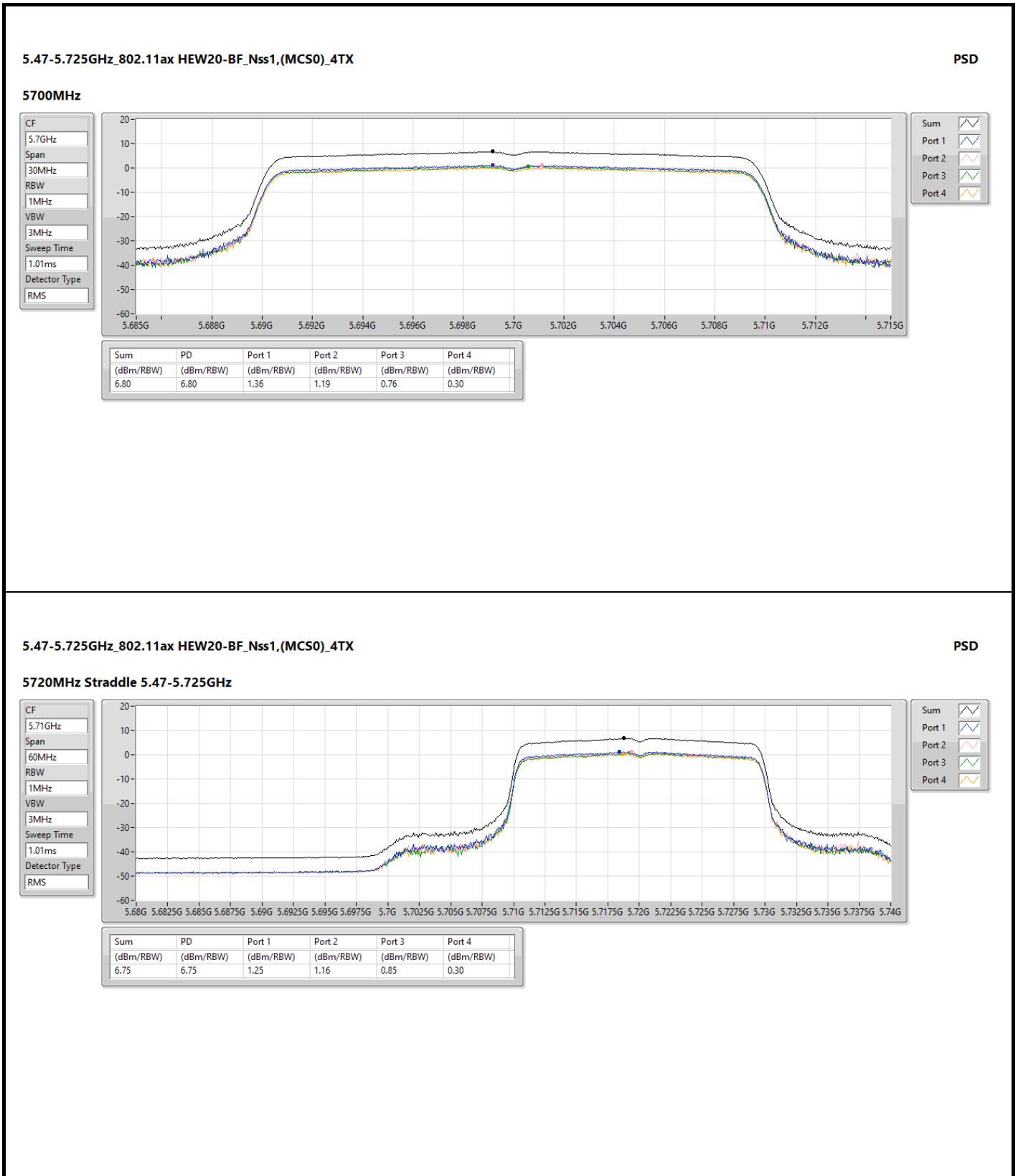
Note 2: Limit is reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi

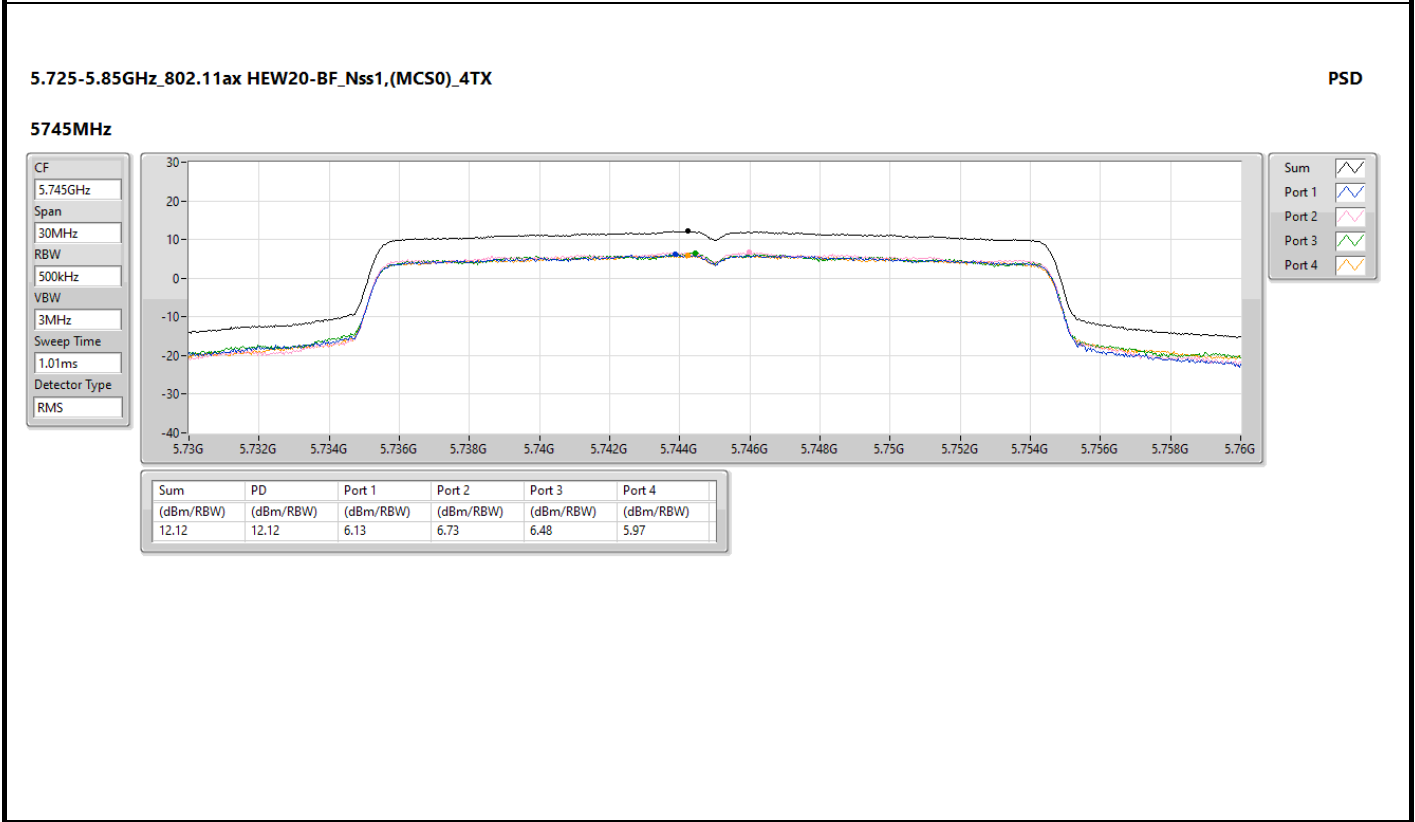
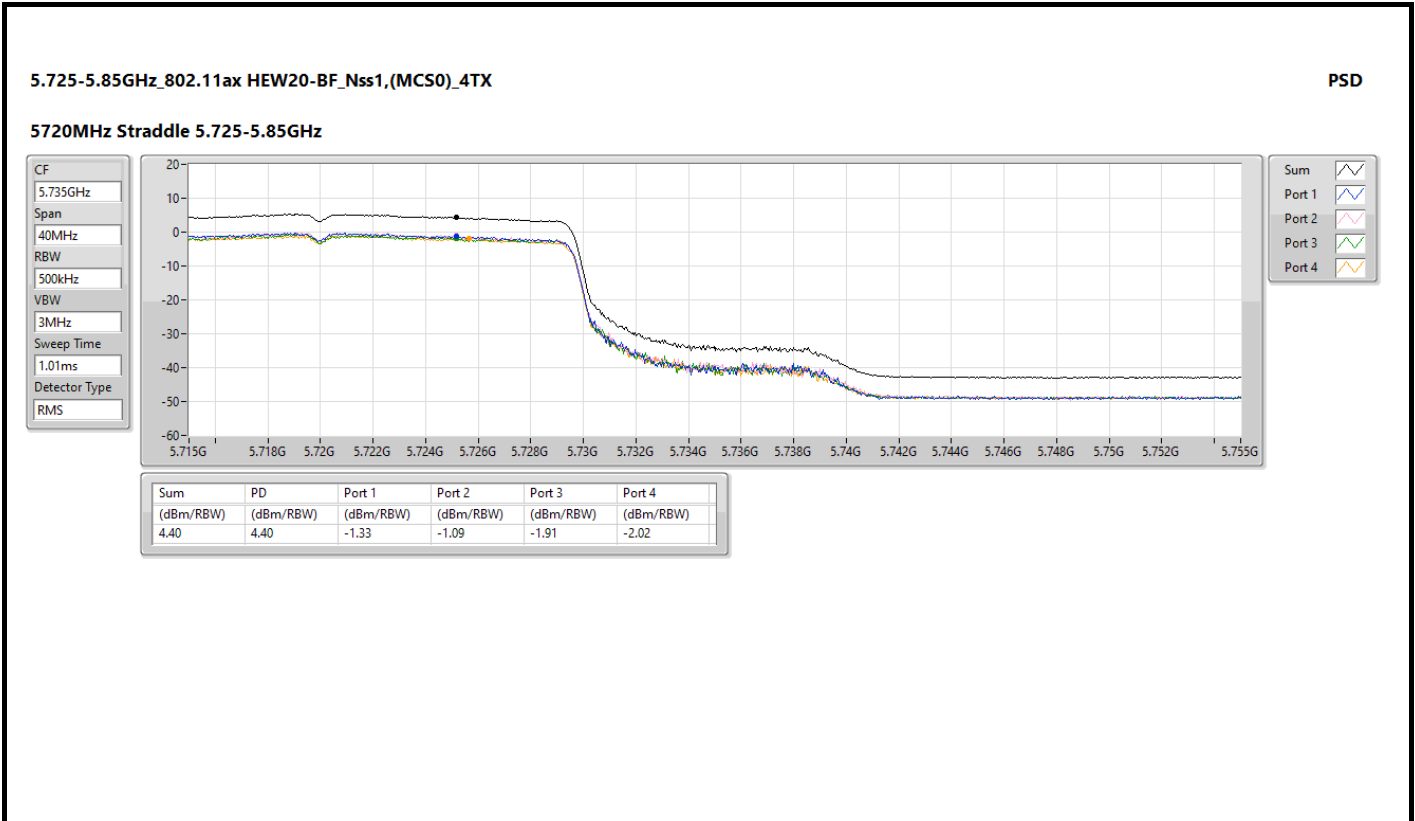


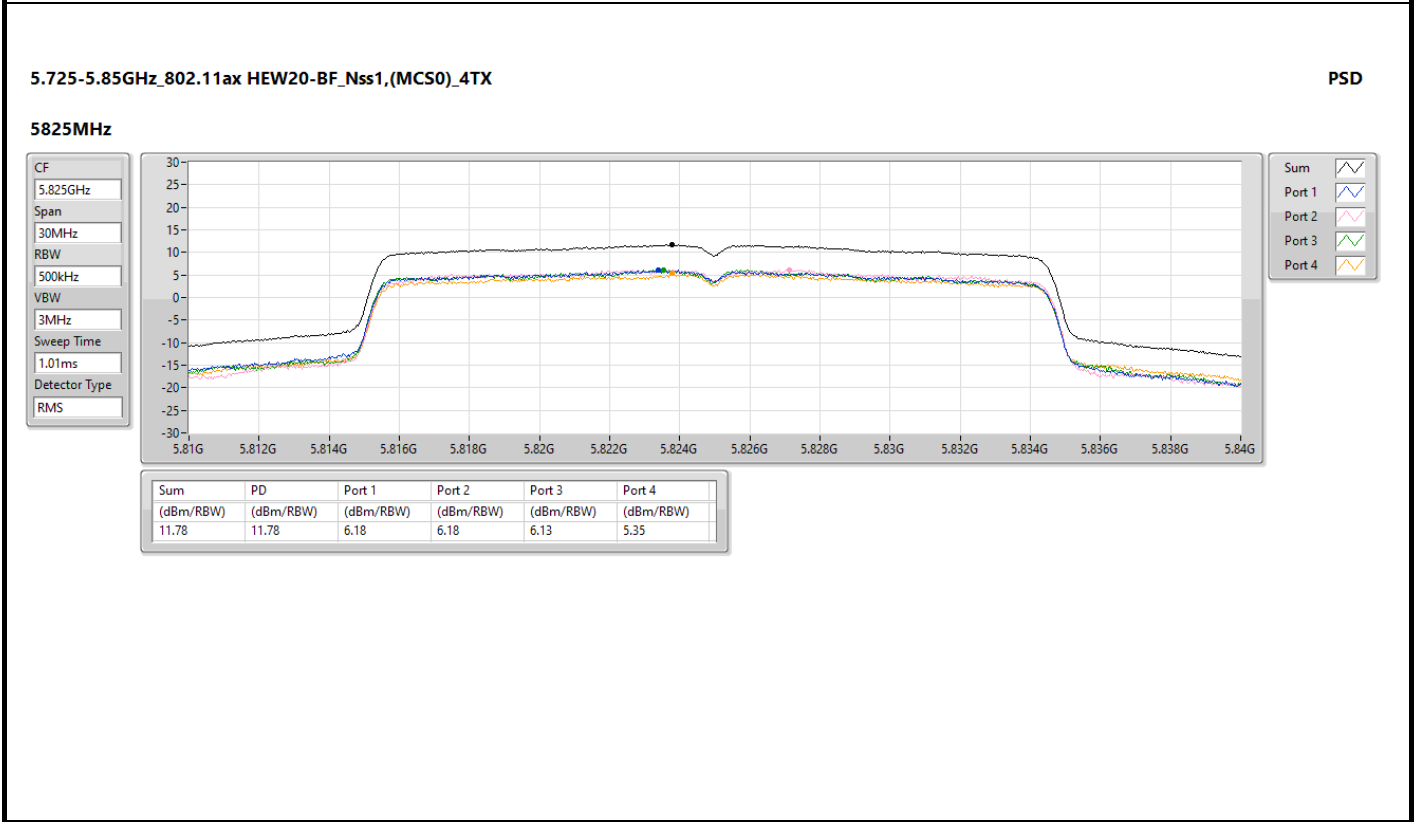
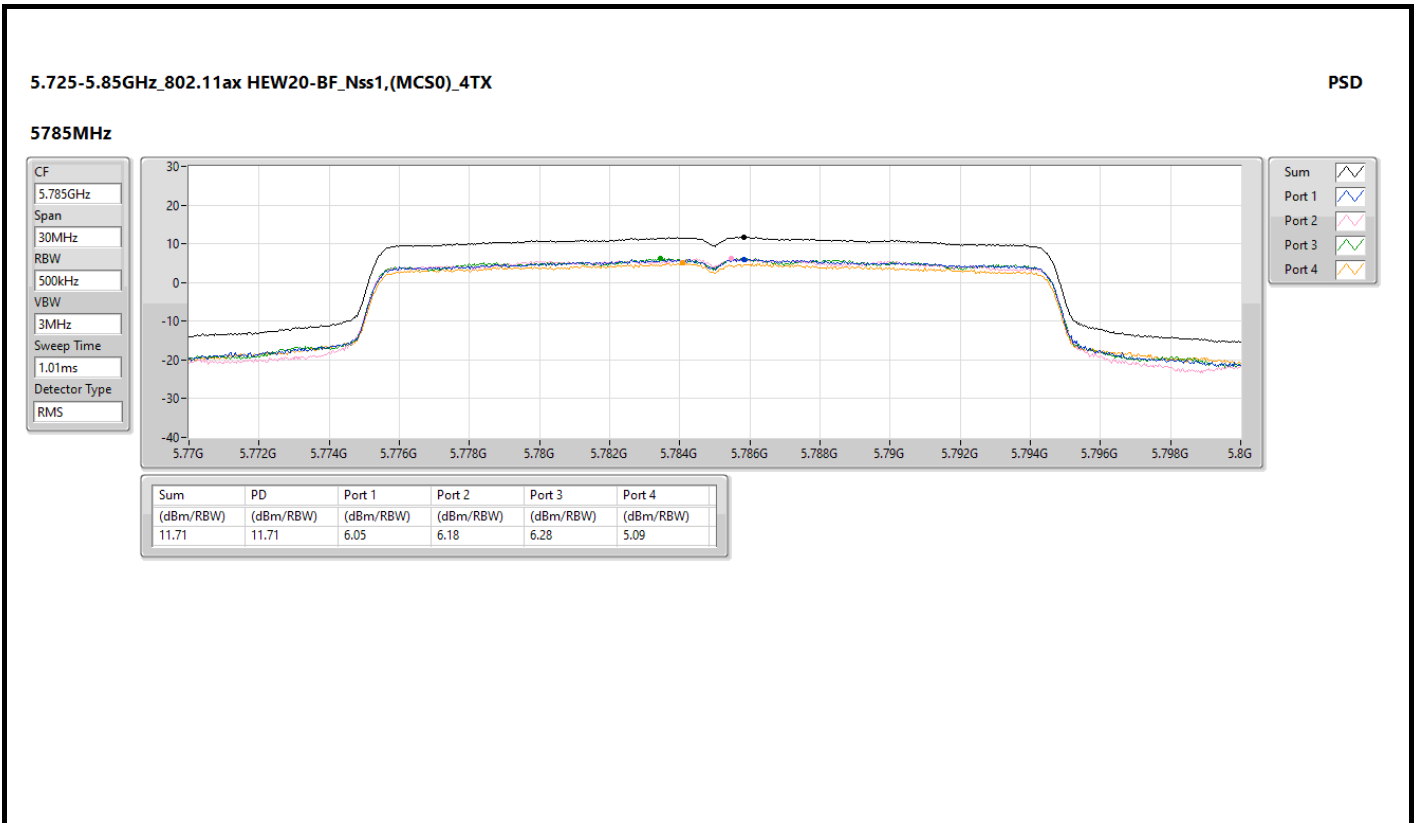


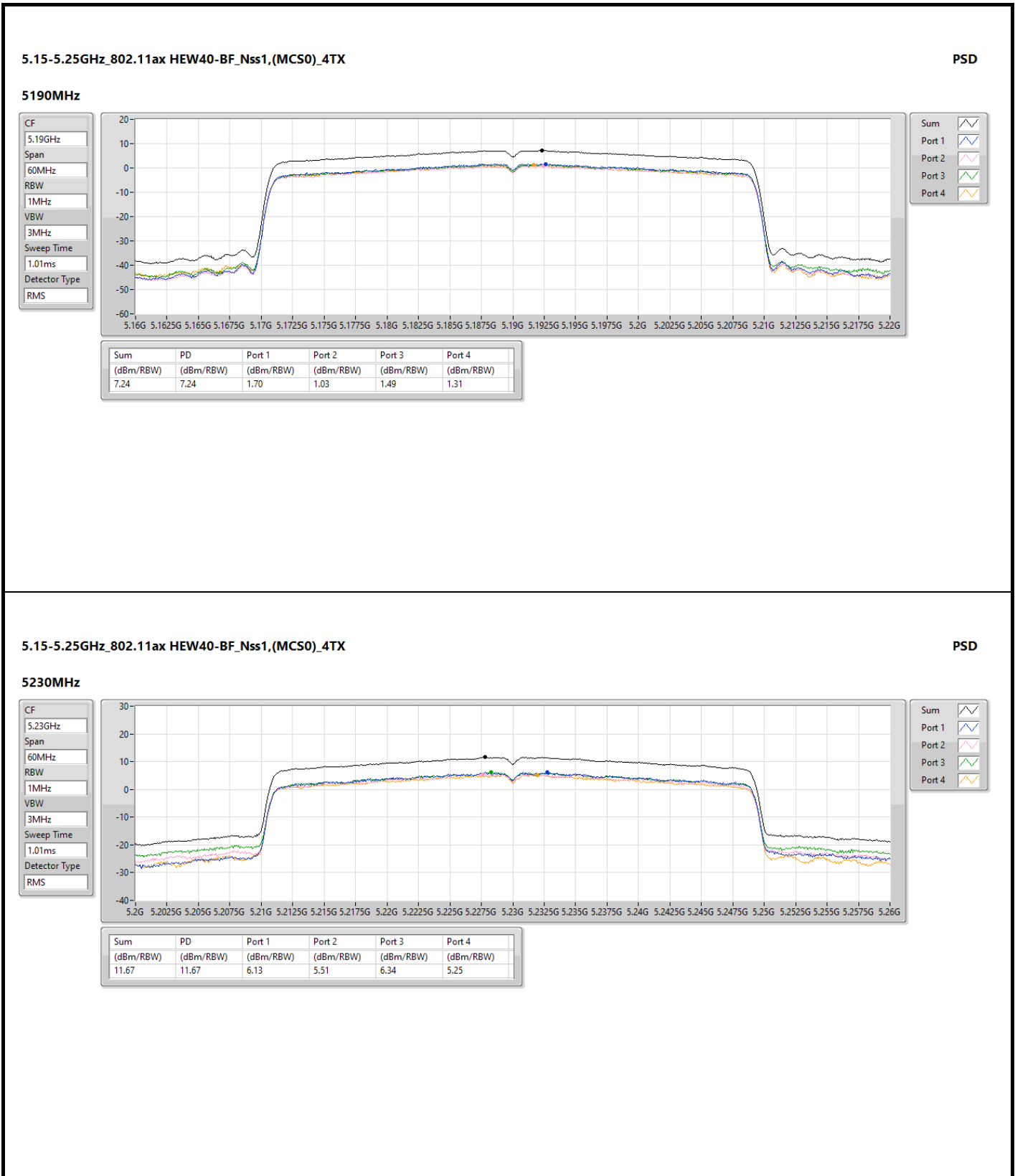


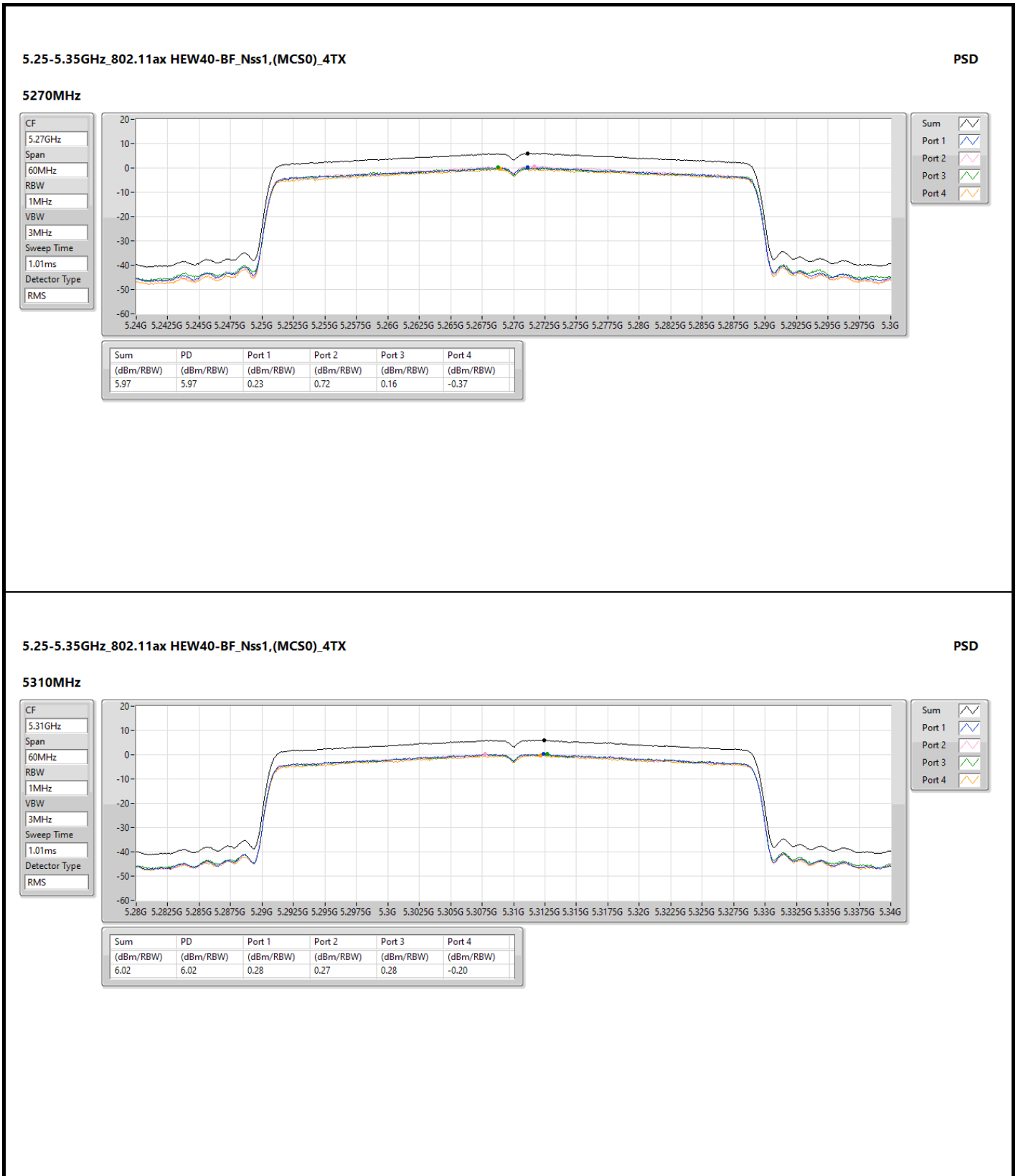


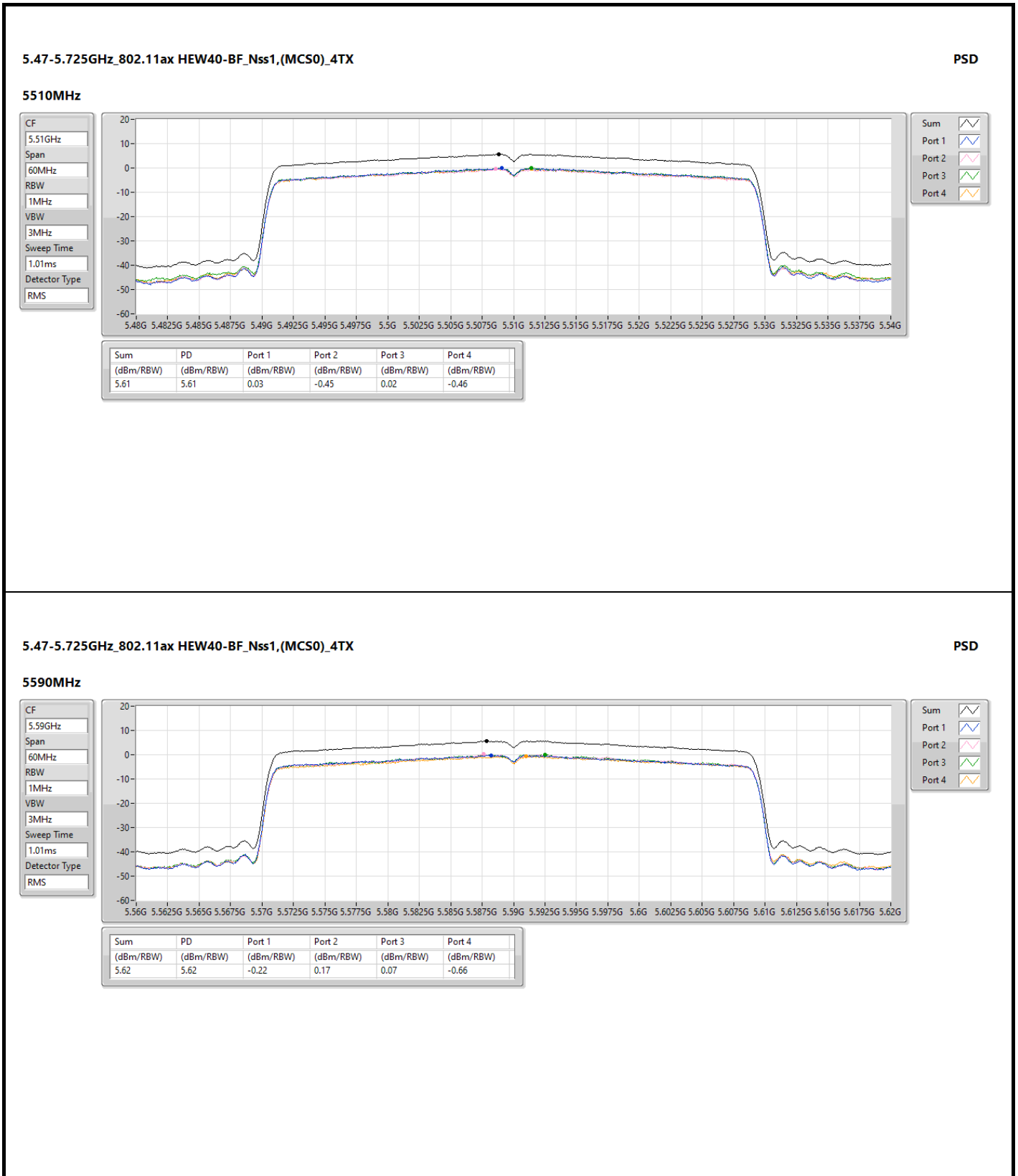


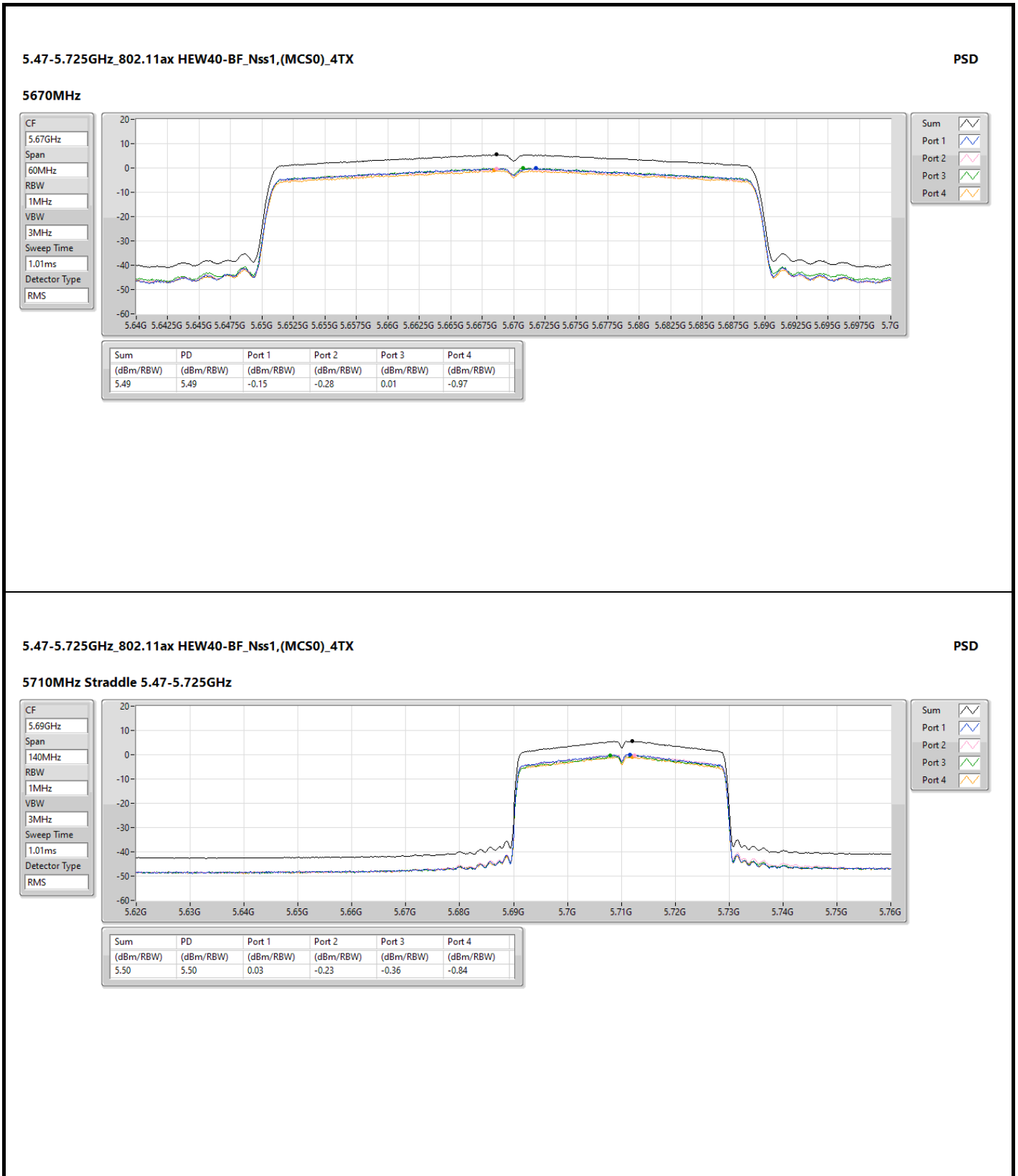


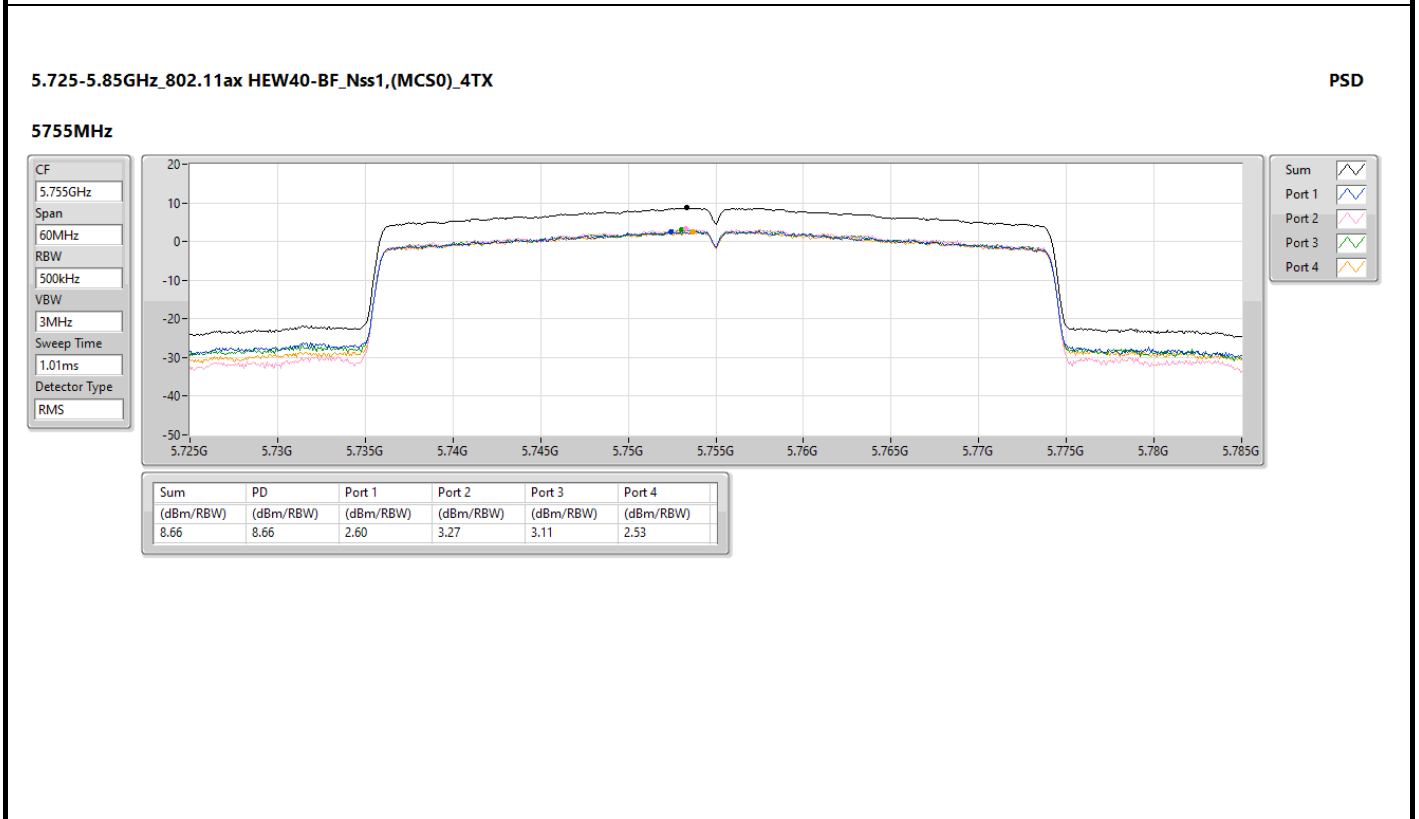
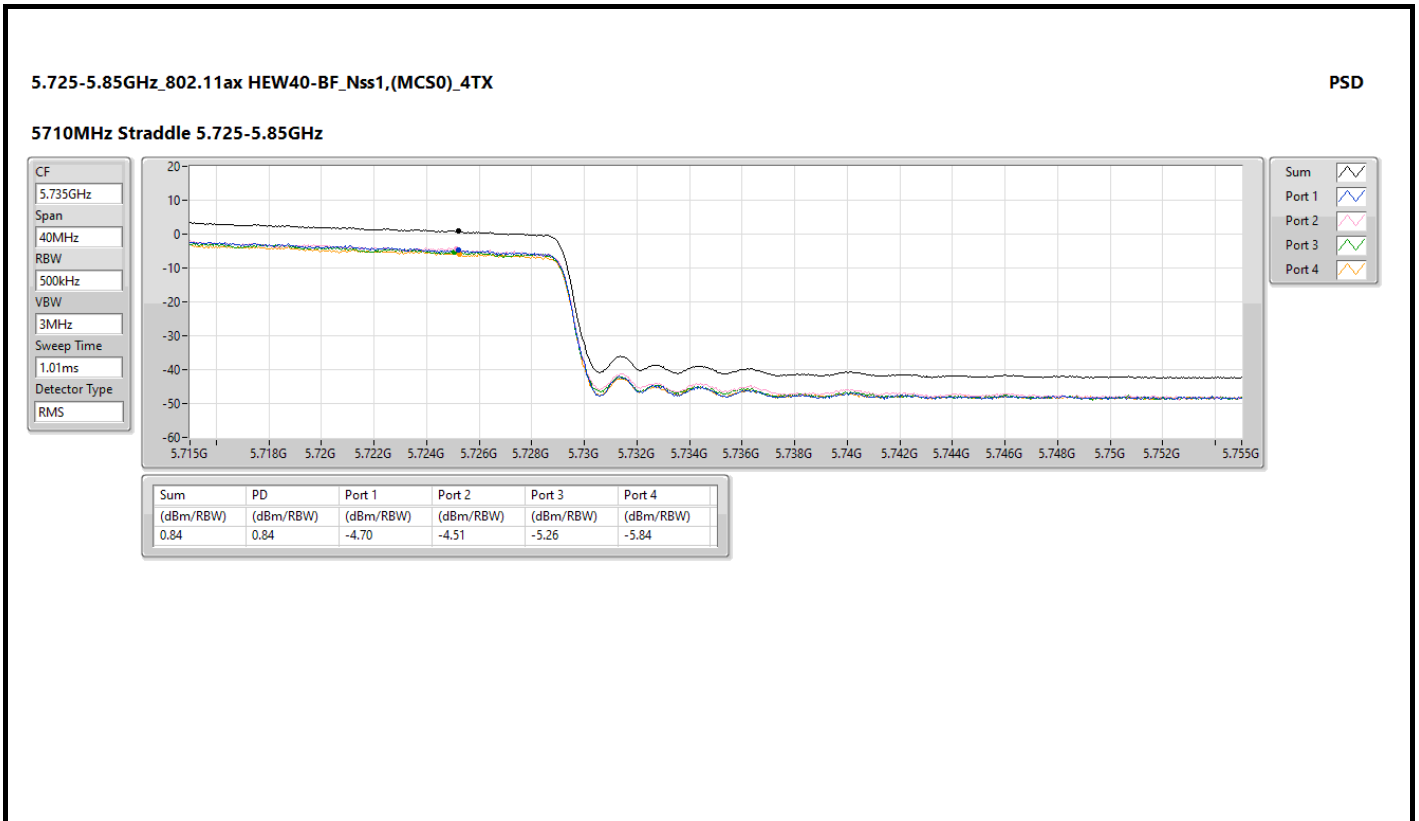


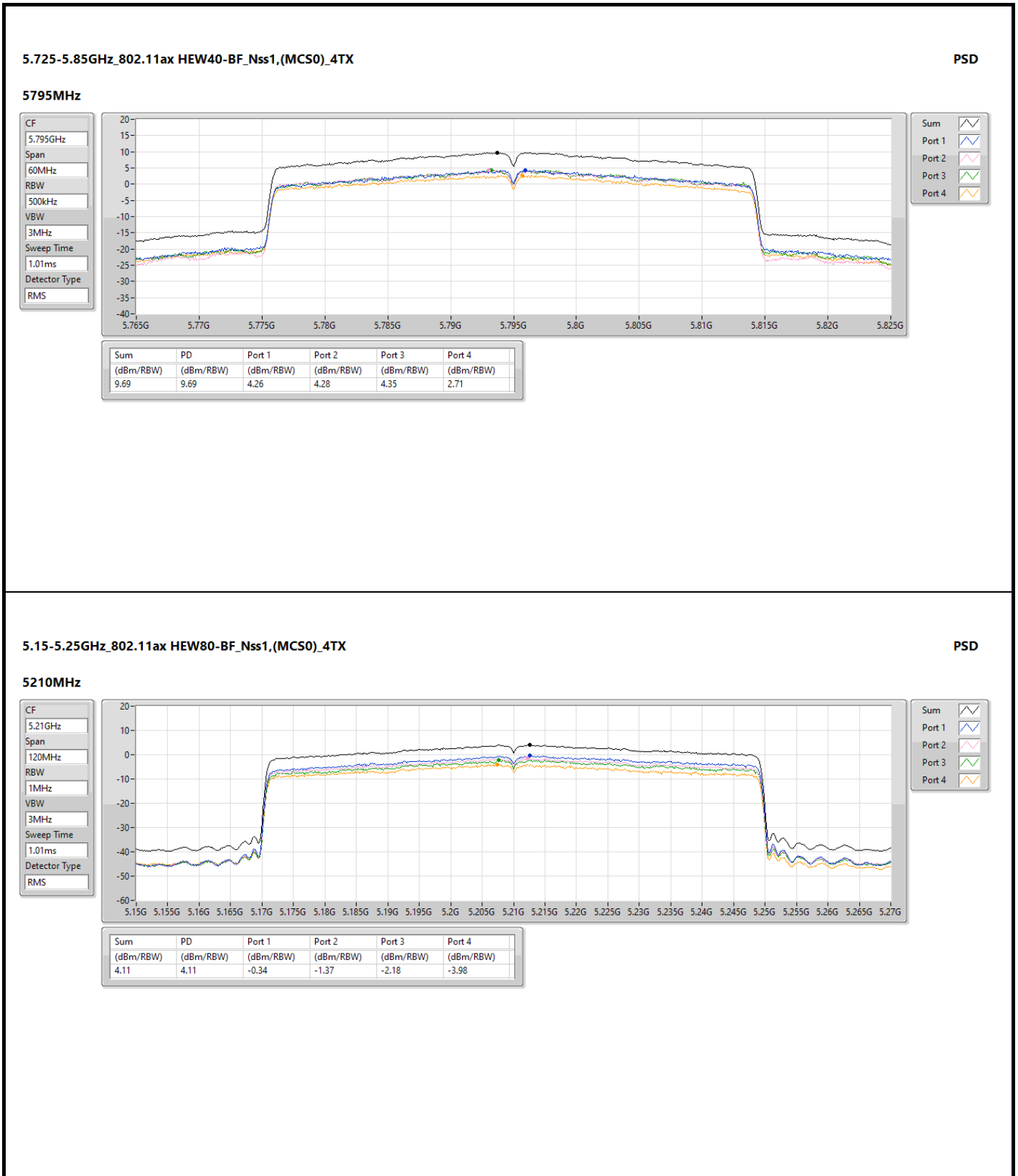


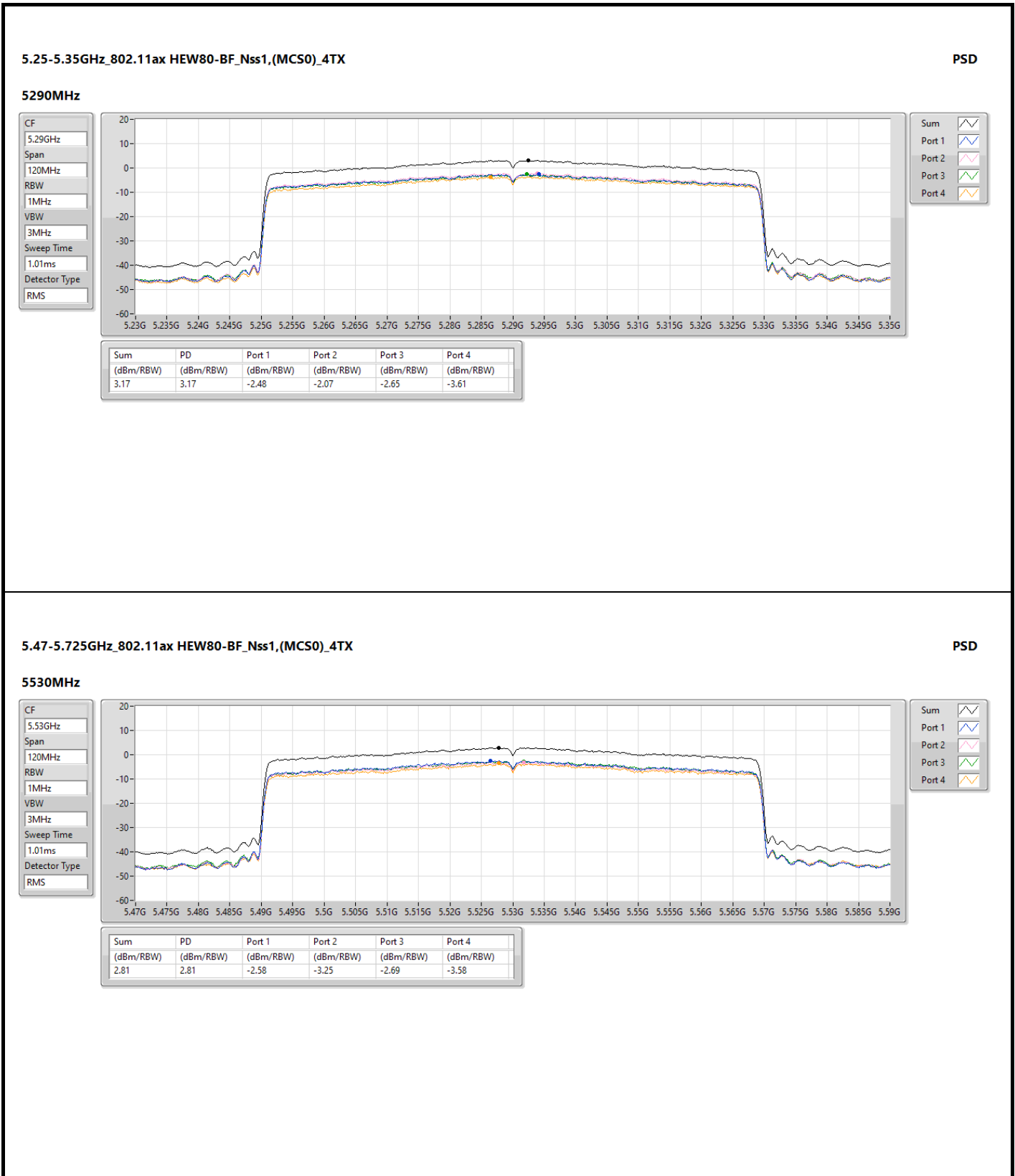




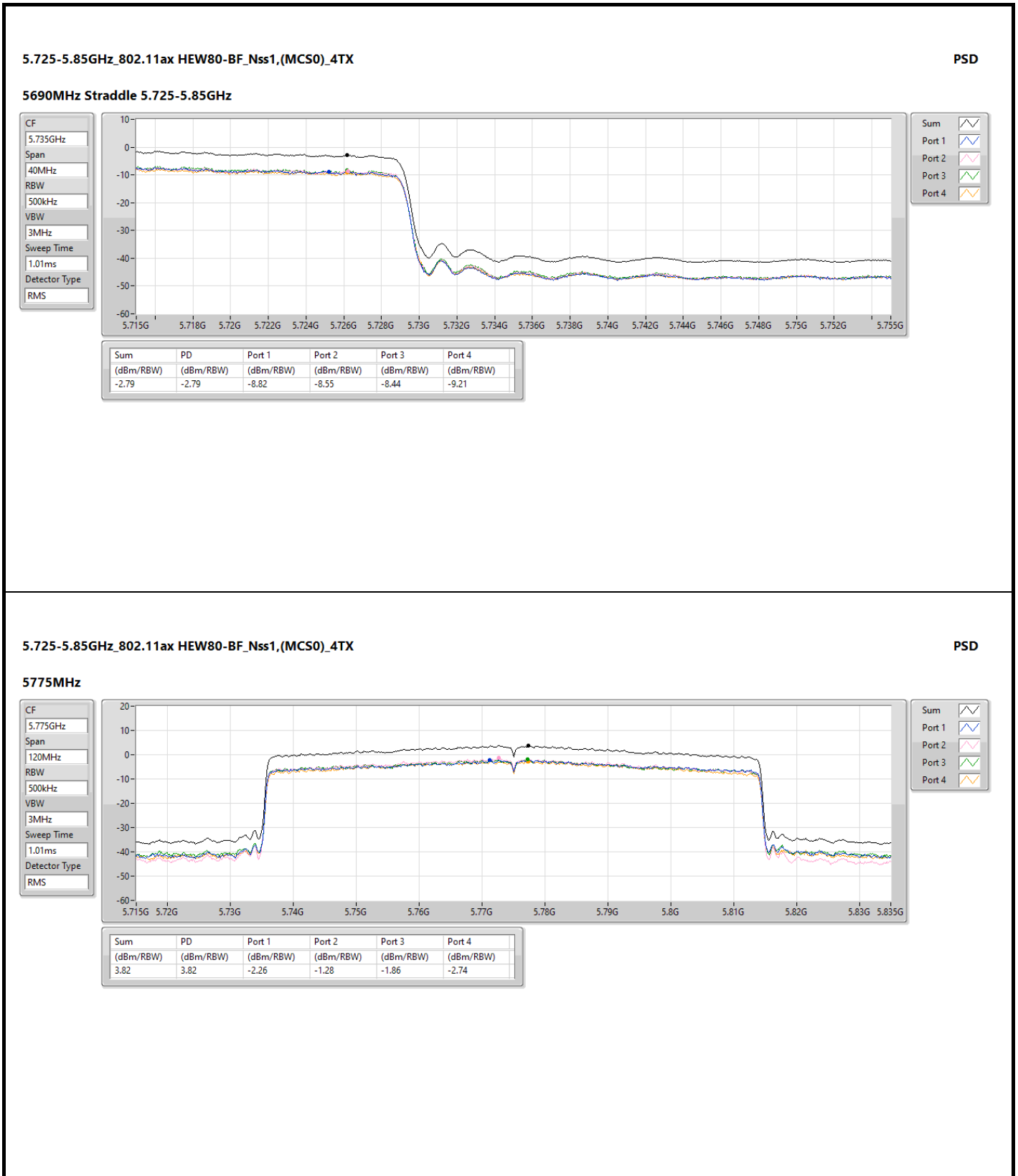












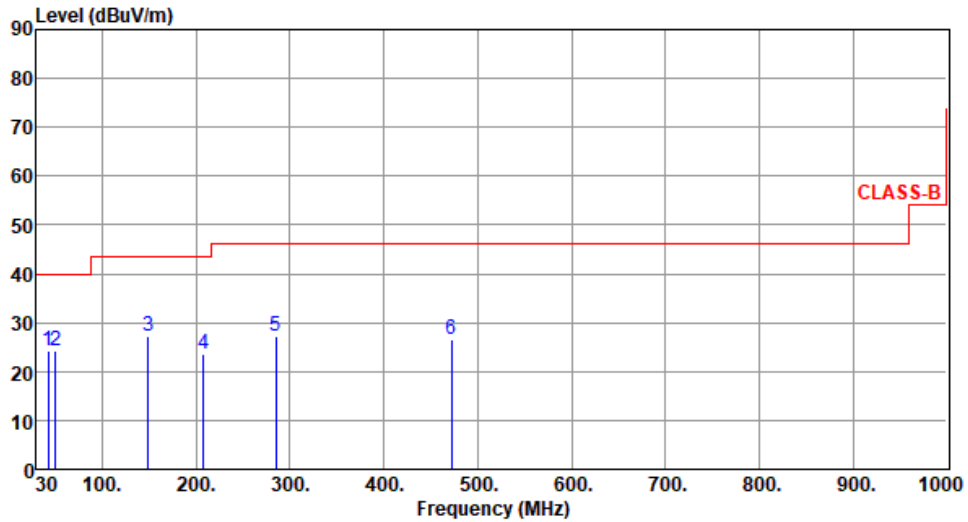


Non-beamforming mode

Unwanted Emissions (Below 1GHz)

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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	42.25	24.36	40.00	-15.64	32.75	-8.39	Peak	---	---
2	50.68	24.18	40.00	-15.82	31.97	-7.79	Peak	---	---
3	148.82	27.17	43.50	-16.33	36.11	-8.94	Peak	---	---
4	208.14	23.52	43.50	-19.98	35.48	-11.96	Peak	---	---
5	285.16	27.33	46.00	-18.67	35.71	-8.38	Peak	---	---
6	472.53	26.41	46.00	-19.59	30.17	-3.76	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

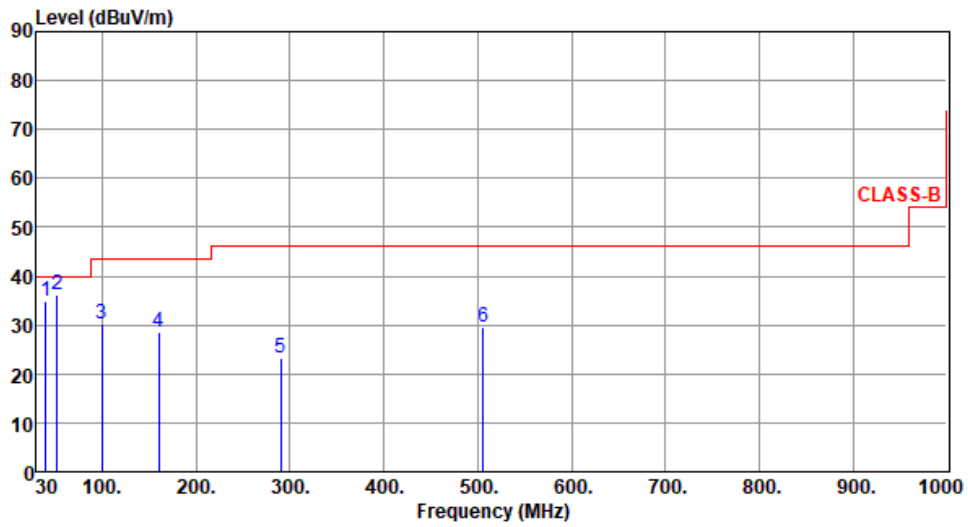
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	39.75	34.96	40.00	-5.04	43.78	-8.82	Peak	---	---
2	51.58	36.27	40.00	-3.73	44.09	-7.82	Peak	---	---
3	100.03	30.27	43.50	-13.23	43.52	-13.25	Peak	---	---
4	160.12	28.46	43.50	-15.04	37.28	-8.82	Peak	---	---
5	290.14	23.12	46.00	-22.88	31.48	-8.36	Peak	---	---
6	506.17	29.55	46.00	-16.45	32.53	-2.98	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

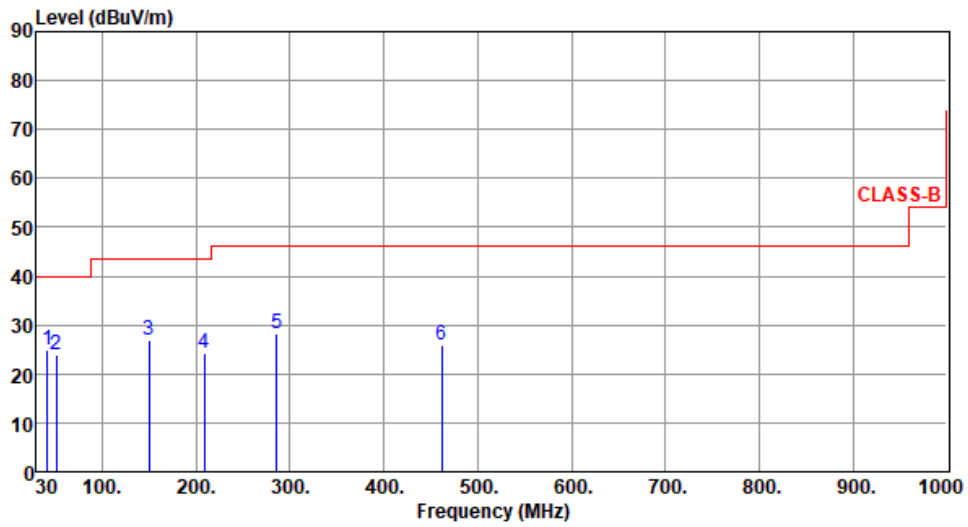
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	41.37	24.79	40.00	-15.21	33.38	-8.59	Peak	---	---
2	50.95	23.79	40.00	-16.21	31.56	-7.77	Peak	---	---
3	150.22	26.75	43.50	-16.75	35.50	-8.75	Peak	---	---
4	208.92	24.12	43.50	-19.38	36.09	-11.97	Peak	---	---
5	285.46	28.11	46.00	-17.89	36.49	-8.38	Peak	---	---
6	461.95	25.94	46.00	-20.06	29.85	-3.91	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

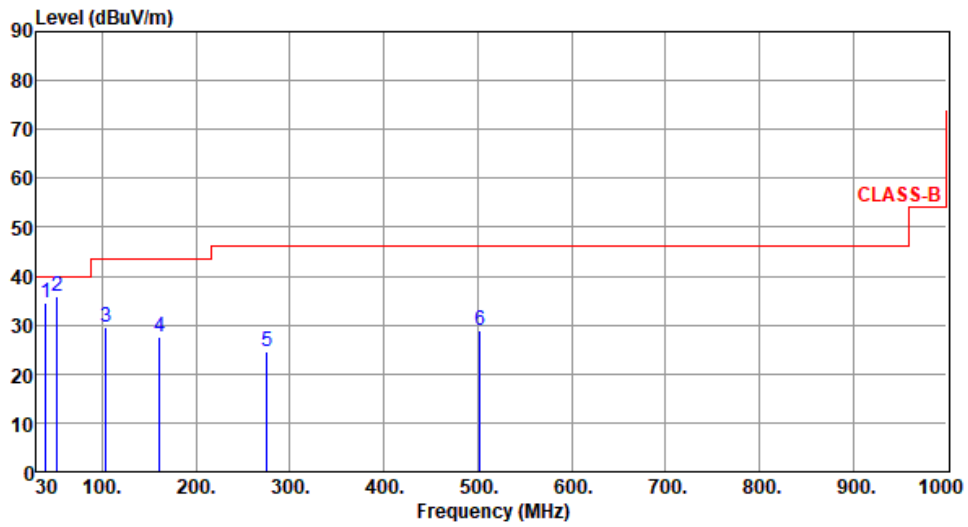
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	39.64	34.52	40.00	-5.48	43.36	-8.84	Peak	---	---
2	51.76	36.03	40.00	-3.97	43.87	-7.84	Peak	---	---
3	103.57	29.45	43.50	-14.05	42.17	-12.72	Peak	---	---
4	161.49	27.73	43.50	-15.77	36.68	-8.95	Peak	---	---
5	275.34	24.48	46.00	-21.52	33.28	-8.80	Peak	---	---
6	502.13	28.76	46.00	-17.24	31.87	-3.11	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).

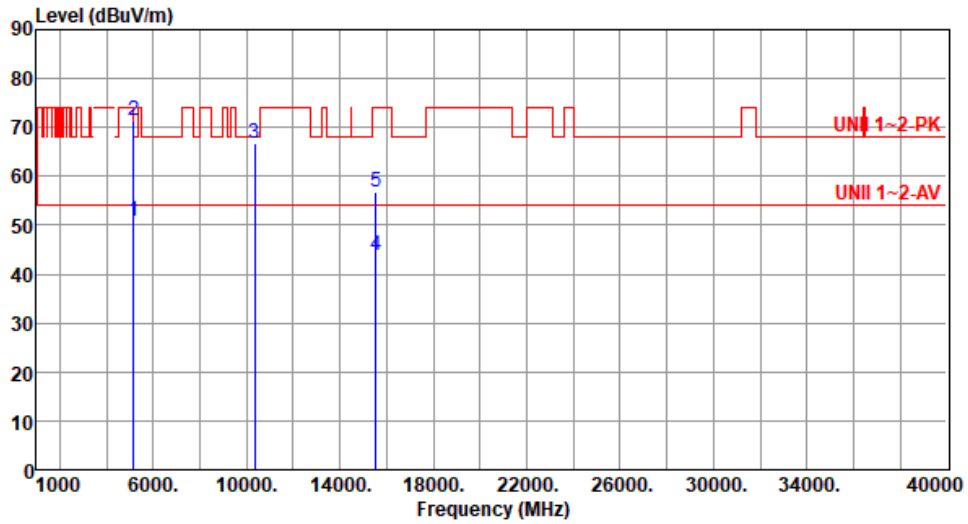
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Emissions (Above 1GHz) for 11a

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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	50.95	54.00	-3.05	50.71	0.24	Average	100	223
2	5150.00	71.56	74.00	-2.44	71.32	0.24	Peak	100	223
3	10360.00	66.79	68.20	-1.41	59.70	7.09	Peak	134	185
4	15540.00	43.82	54.00	-10.18	39.67	4.15	Average	100	173
5	15540.00	56.70	74.00	-17.30	52.55	4.15	Peak	100	173

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

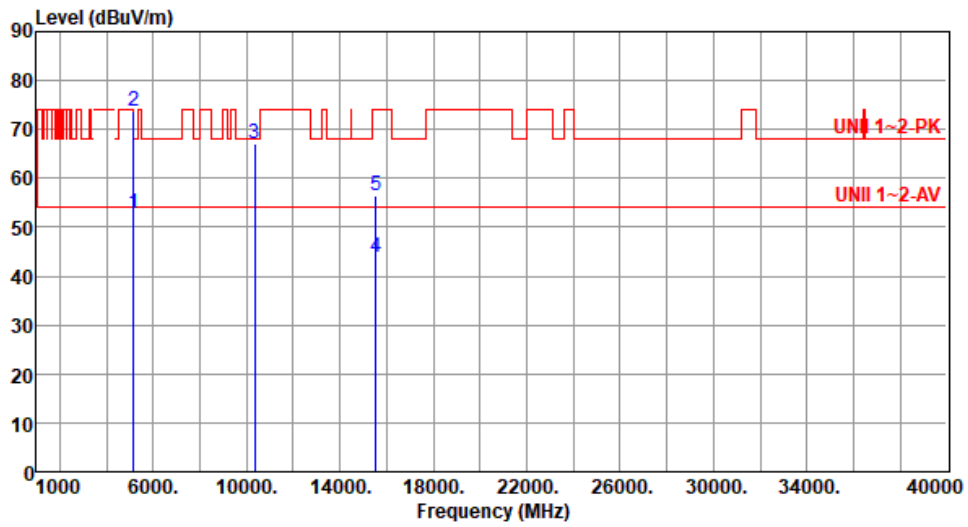
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	52.64	54.00	-1.36	52.40	0.24	Average	100	86
2	5150.00	73.82	74.00	-0.18	73.58	0.24	Peak	100	86
3	10360.00	67.08	68.20	-1.12	59.99	7.09	Peak	207	249
4	15540.00	43.85	54.00	-10.15	39.70	4.15	Average	100	172
5	15540.00	56.54	74.00	-17.46	52.39	4.15	Peak	100	172

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

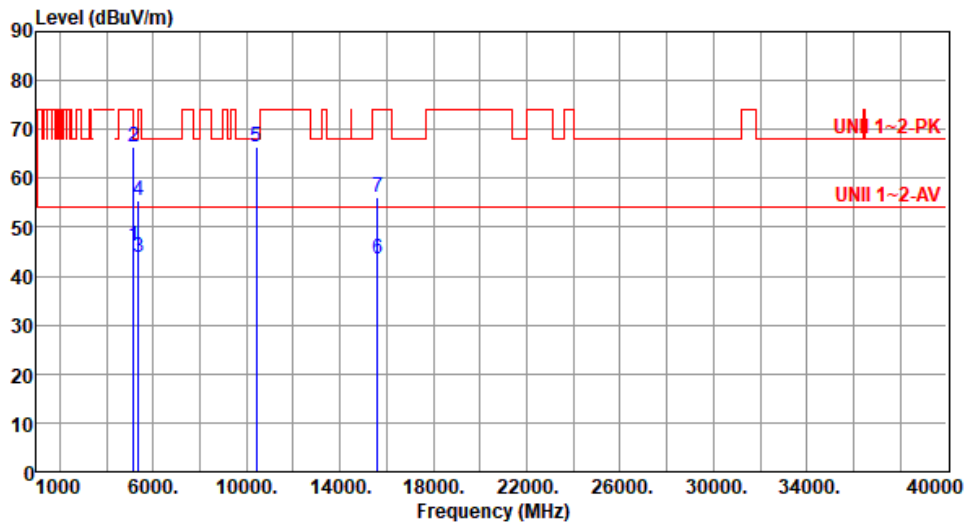
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	46.32	54.00	-7.68	46.08	0.24	Average	100	223
2	5150.00	66.33	74.00	-7.67	66.09	0.24	Peak	100	223
3	5350.00	43.77	54.00	-10.23	43.95	-0.18	Average	100	29
4	5350.00	55.58	74.00	-18.42	55.76	-0.18	Peak	100	29
5	10400.00	66.58	68.20	-1.62	59.39	7.19	Peak	141	183
6	15600.00	43.59	54.00	-10.41	39.64	3.95	Average	100	202
7	15600.00	56.27	74.00	-17.73	52.32	3.95	Peak	100	202

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

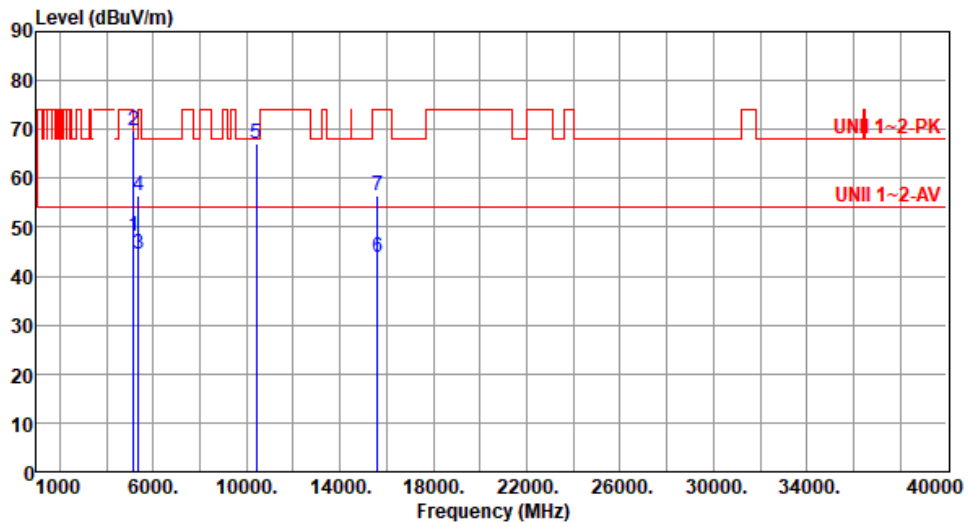
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	48.13	54.00	-5.87	47.89	0.24	Average	100	84
2	5150.00	69.73	74.00	-4.27	69.49	0.24	Peak	100	84
3	5350.00	44.64	54.00	-9.36	44.82	-0.18	Average	100	221
4	5350.00	56.49	74.00	-17.51	56.67	-0.18	Peak	100	221
5	10400.00	67.17	68.20	-1.03	59.98	7.19	Peak	199	239
6	15600.00	43.72	54.00	-10.28	39.77	3.95	Average	100	168
7	15600.00	56.54	74.00	-17.46	52.59	3.95	Peak	100	168

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

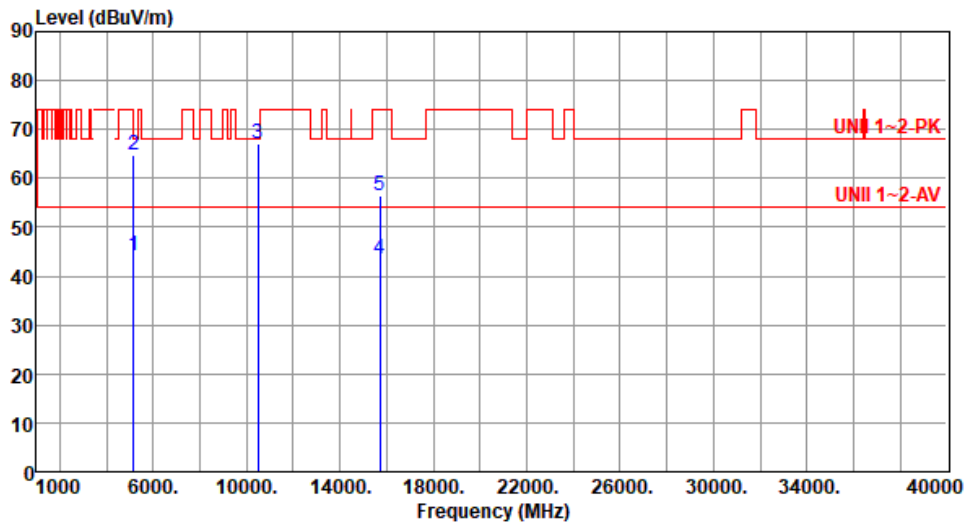
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	44.10	54.00	-9.90	43.86	0.24	Average	100	231
2	5150.00	64.72	74.00	-9.28	64.48	0.24	Peak	100	231
3	10480.00	67.12	68.20	-1.08	59.88	7.24	Peak	122	180
4	15720.00	43.51	54.00	-10.49	39.58	3.93	Average	100	205
5	15720.00	56.38	74.00	-17.62	52.45	3.93	Peak	100	205

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

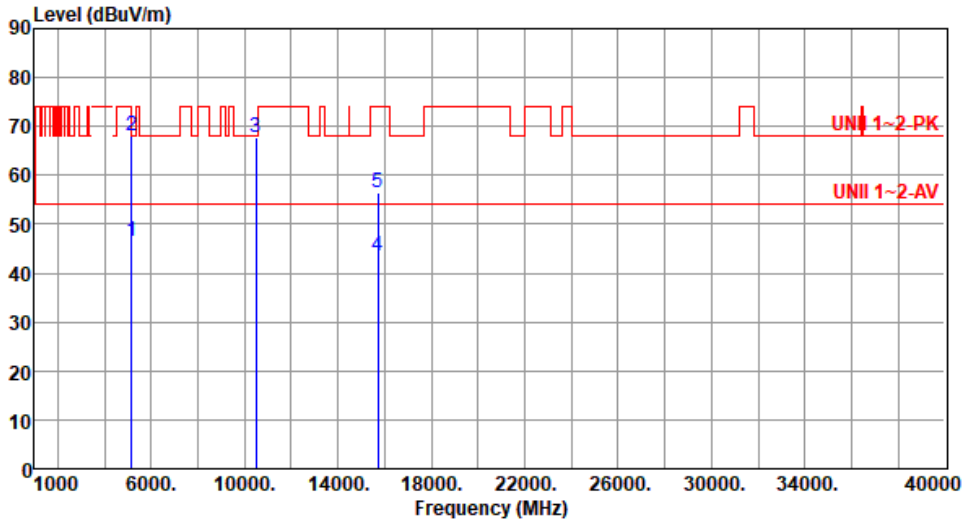
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	46.47	54.00	-7.53	46.23	0.24	Average	100	86
2	5150.00	68.00	74.00	-6.00	67.76	0.24	Peak	100	86
3	10480.00	67.80	68.20	-0.40	60.56	7.24	Peak	181	237
4	15720.00	43.55	54.00	-10.45	39.62	3.93	Average	100	203
5	15720.00	56.31	74.00	-17.69	52.38	3.93	Peak	100	203

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

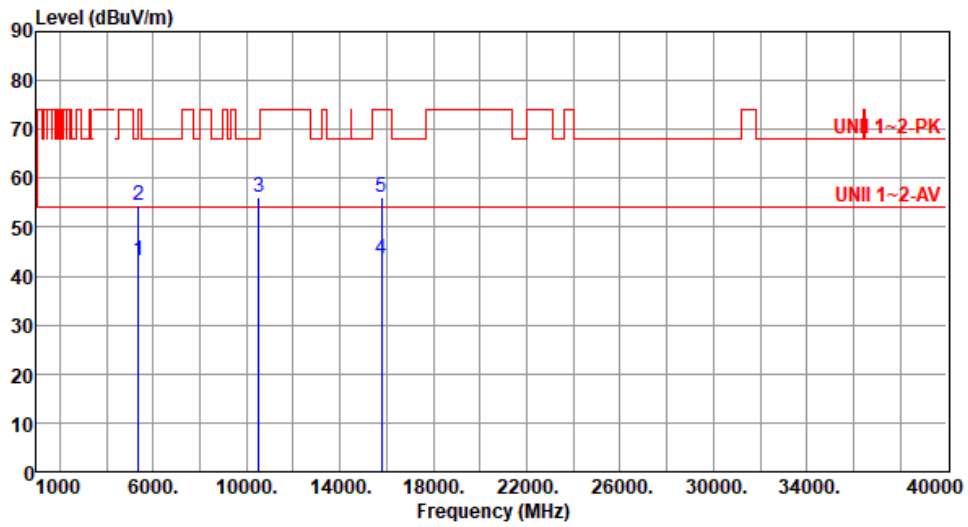
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	43.09	54.00	-10.91	43.27	-0.18	Average	100	102
2	5350.00	54.37	74.00	-19.63	54.55	-0.18	Peak	100	102
3	10520.00	56.22	68.20	-11.98	48.96	7.26	Peak	100	179
4	15780.00	43.46	54.00	-10.54	39.49	3.97	Average	100	133
5	15780.00	56.22	74.00	-17.78	52.25	3.97	Peak	100	133

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

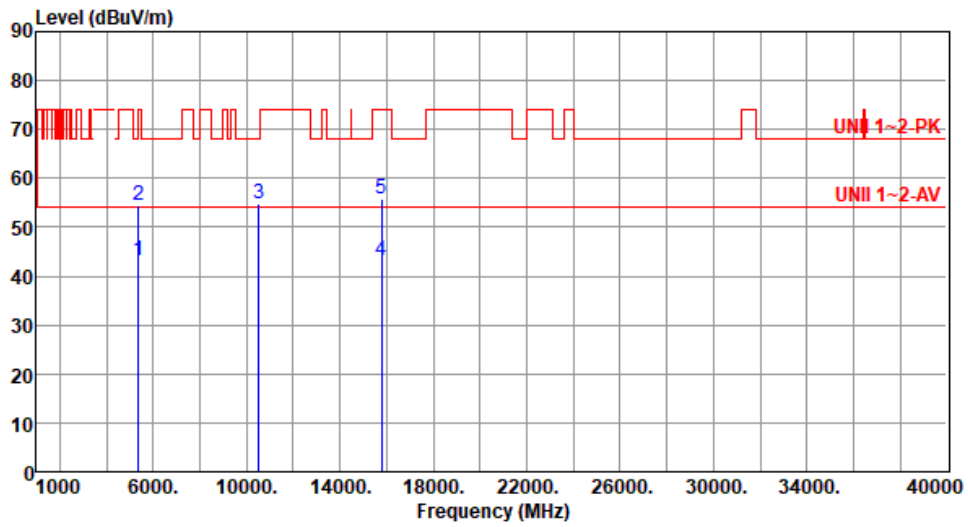
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	43.28	54.00	-10.72	43.46	-0.18	Average	100	223
2	5350.00	54.48	74.00	-19.52	54.66	-0.18	Peak	100	223
3	10520.00	54.94	68.20	-13.26	47.68	7.26	Peak	100	227
4	15780.00	43.22	54.00	-10.78	39.25	3.97	Average	100	180
5	15780.00	55.81	74.00	-18.19	51.84	3.97	Peak	100	180

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

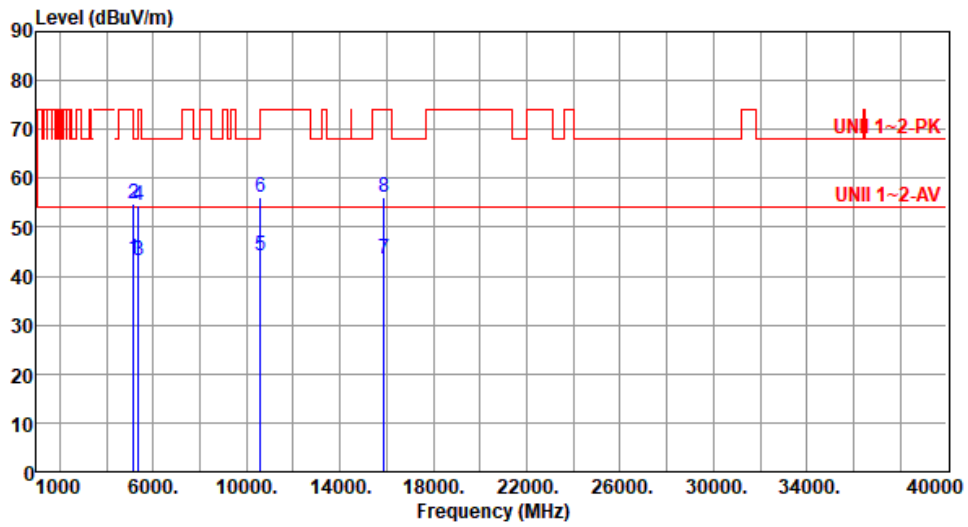
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.55	54.00	-10.45	43.31	0.24	Average	100	99
2	5150.00	54.90	74.00	-19.10	54.66	0.24	Peak	100	99
3	5350.00	43.28	54.00	-10.72	43.46	-0.18	Average	100	99
4	5350.00	54.60	74.00	-19.40	54.78	-0.18	Peak	100	99
5	10600.00	44.26	54.00	-9.74	37.02	7.24	Average	100	186
6	10600.00	56.13	74.00	-17.87	48.89	7.24	Peak	100	186
7	15900.00	43.38	54.00	-10.62	39.23	4.15	Average	100	128
8	15900.00	56.18	74.00	-17.82	52.03	4.15	Peak	100	128

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

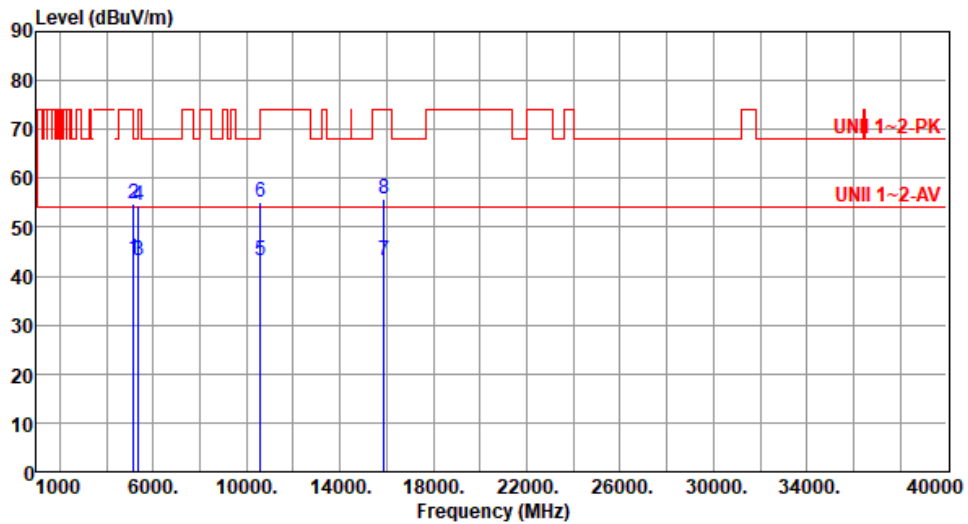
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.50	54.00	-10.50	43.26	0.24	Average	100	221
2	5150.00	54.88	74.00	-19.12	54.64	0.24	Peak	100	221
3	5350.00	43.29	54.00	-10.71	43.47	-0.18	Average	100	221
4	5350.00	54.53	74.00	-19.47	54.71	-0.18	Peak	100	221
5	10600.00	43.08	54.00	-10.92	35.84	7.24	Average	100	227
6	10600.00	55.00	74.00	-19.00	47.76	7.24	Peak	100	227
7	15900.00	43.13	54.00	-10.87	38.98	4.15	Average	100	172
8	15900.00	55.77	74.00	-18.23	51.62	4.15	Peak	100	172

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

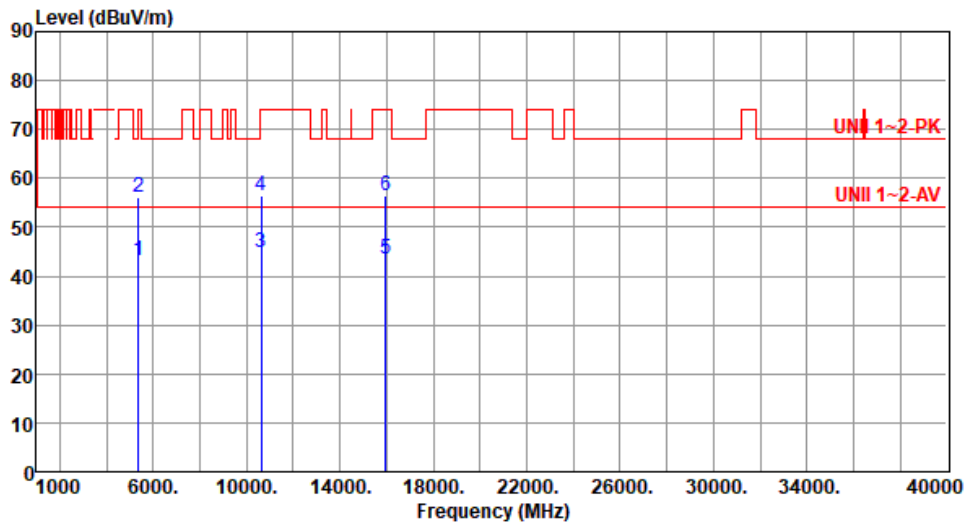
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	43.28	54.00	-10.72	43.46	-0.18	Average	100	25
2	5350.00	56.03	74.00	-17.97	56.21	-0.18	Peak	100	25
3	10640.00	44.71	54.00	-9.29	37.52	7.19	Average	100	178
4	10640.00	56.31	74.00	-17.69	49.12	7.19	Peak	100	178
5	15960.00	43.60	54.00	-10.40	39.47	4.13	Average	100	213
6	15960.00	56.39	74.00	-17.61	52.26	4.13	Peak	100	213

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

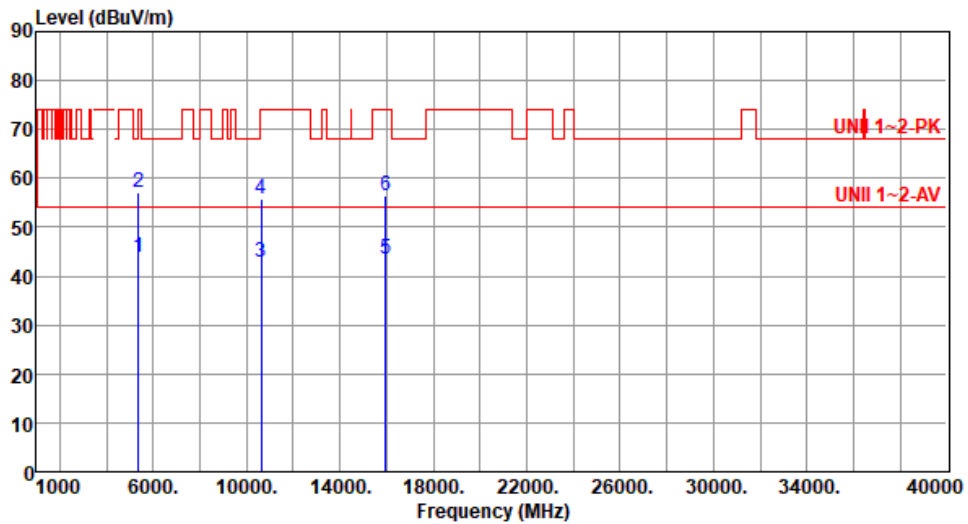
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	43.75	54.00	-10.25	43.93	-0.18	Average	100	217
2	5350.00	57.17	74.00	-16.83	57.35	-0.18	Peak	100	217
3	10640.00	42.85	54.00	-11.15	35.66	7.19	Average	100	165
4	10640.00	55.65	74.00	-18.35	48.46	7.19	Peak	100	165
5	15960.00	43.57	54.00	-10.43	39.44	4.13	Average	100	271
6	15960.00	56.40	74.00	-17.60	52.27	4.13	Peak	100	271

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

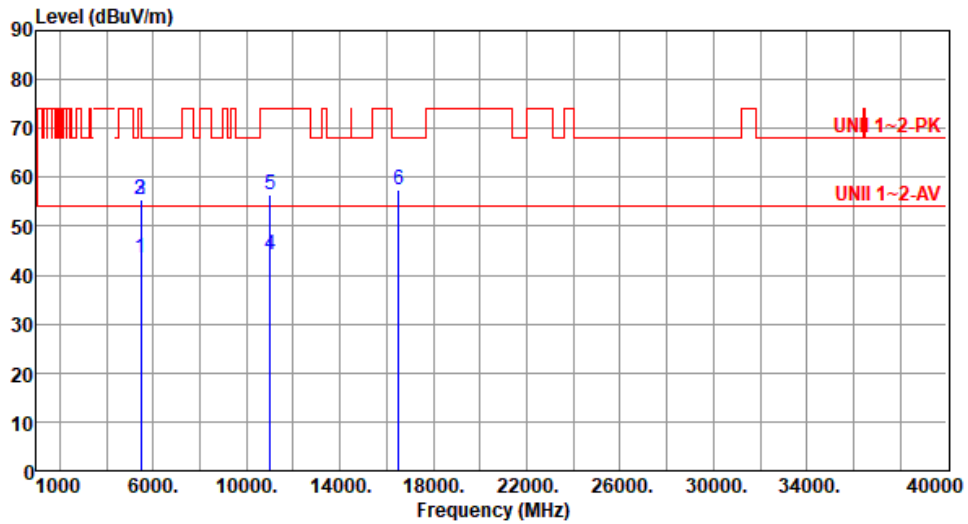
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	43.36	54.00	-10.64	43.28	0.08	Average	113	81
2	5460.00	55.35	74.00	-18.65	55.27	0.08	Peak	113	81
3	5470.00	55.52	68.20	-12.68	55.43	0.09	Peak	113	81
4	11000.00	44.12	54.00	-9.88	36.58	7.54	Average	100	173
5	11000.00	56.30	74.00	-17.70	48.76	7.54	Peak	100	173
6	16500.00	57.50	68.20	-10.70	51.43	6.07	Peak	100	208

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

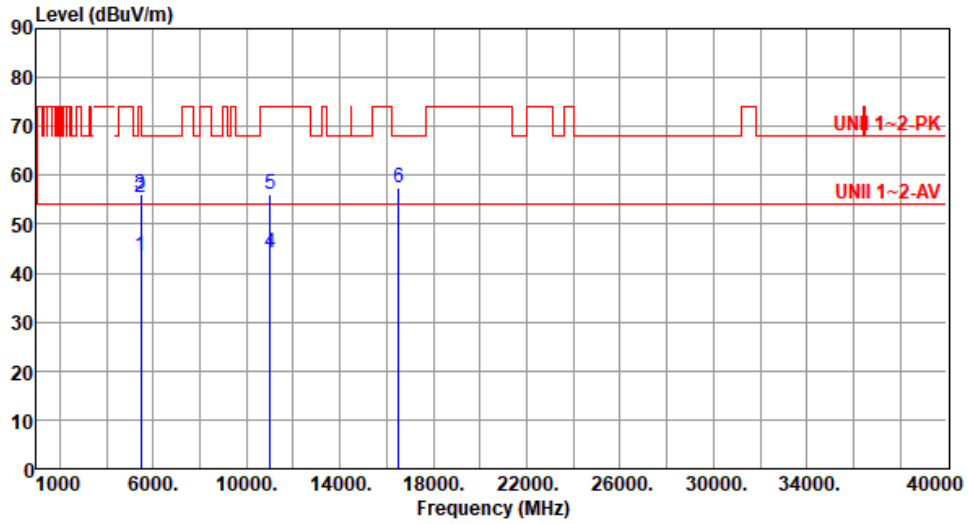
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	43.41	0.08	Average	100	22
2	5460.00	55.55	74.00	-18.45	55.47	0.08	Peak	100	22
3	5470.00	55.96	68.20	-12.24	55.87	0.09	Peak	100	22
4	11000.00	44.08	54.00	-9.92	36.54	7.54	Average	100	218
5	11000.00	56.20	74.00	-17.80	48.66	7.54	Peak	100	218
6	16500.00	57.44	68.20	-10.76	51.37	6.07	Peak	100	147

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

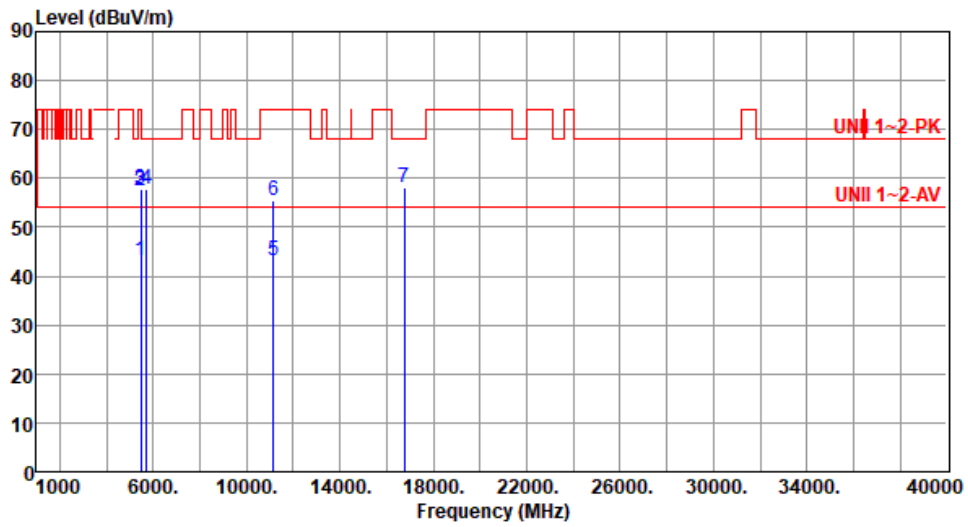
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.25	54.00	-10.75	43.17	0.08	Average	100	68
2	5460.00	57.55	74.00	-16.45	57.47	0.08	Peak	100	68
3	5470.00	57.72	68.20	-10.48	57.63	0.09	Peak	100	68
4	5725.00	57.92	68.20	-10.28	57.33	0.59	Peak	100	68
5	11160.00	43.27	54.00	-10.73	36.28	6.99	Average	100	186
6	11160.00	55.60	74.00	-18.40	48.61	6.99	Peak	100	186
7	16740.00	58.10	68.20	-10.10	51.69	6.41	Peak	100	207

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

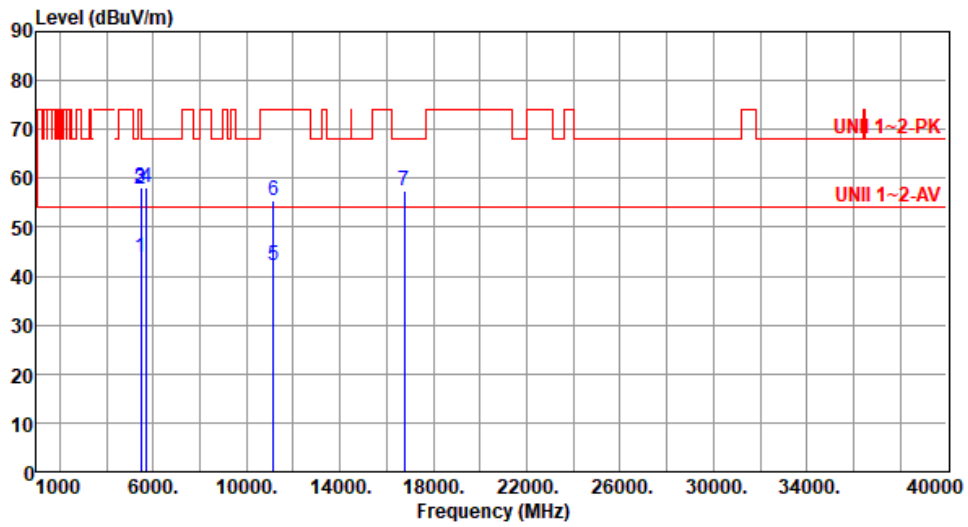
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.61	0.08	Average	100	15
2	5460.00	57.71	74.00	-16.29	57.63	0.08	Peak	100	15
3	5470.00	57.97	68.20	-10.23	57.88	0.09	Peak	100	15
4	5725.00	58.07	68.20	-10.13	57.48	0.59	Peak	100	15
5	11160.00	42.34	54.00	-11.66	35.35	6.99	Average	100	213
6	11160.00	55.56	74.00	-18.44	48.57	6.99	Peak	100	213
7	16740.00	57.56	68.20	-10.64	51.15	6.41	Peak	100	172

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

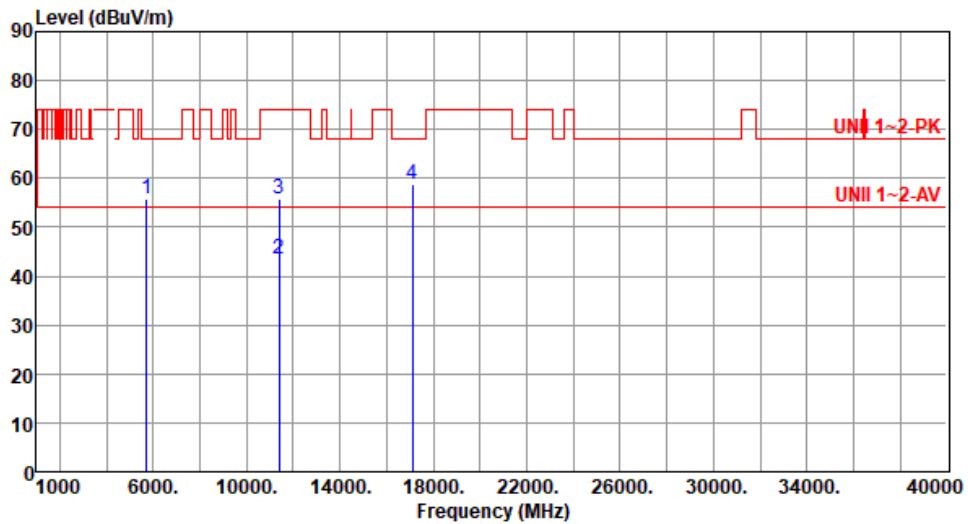
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	55.85	68.20	-12.35	55.26	0.59	Peak	100	26
2	11400.00	43.58	54.00	-10.42	36.48	7.10	Average	100	172
3	11400.00	55.68	74.00	-18.32	48.58	7.10	Peak	100	172
4	17100.00	58.66	68.20	-9.54	52.68	5.98	Peak	100	146

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

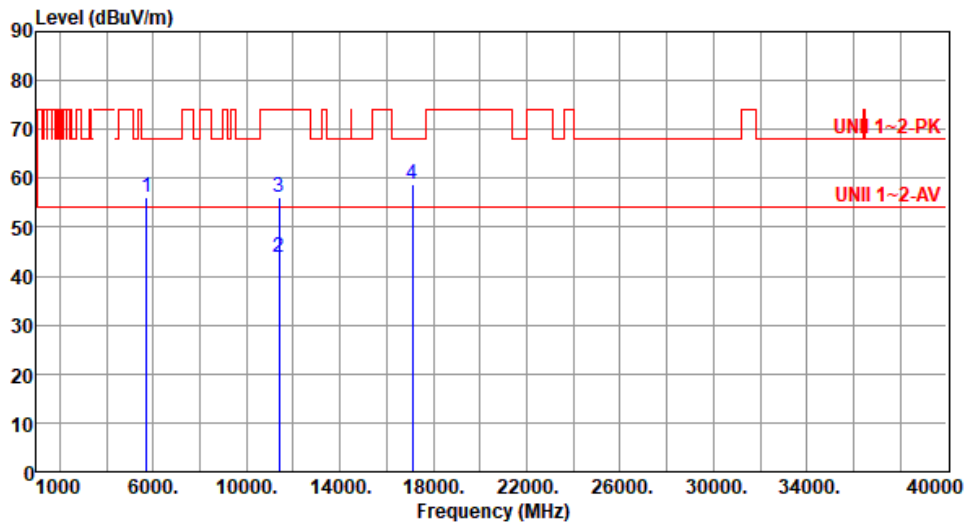
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	56.07	68.20	-12.13	55.48	0.59	Peak	100	23
2	11400.00	43.96	54.00	-10.04	36.86	7.10	Average	100	165
3	11400.00	55.99	74.00	-18.01	48.89	7.10	Peak	100	165
4	17100.00	58.71	68.20	-9.49	52.73	5.98	Peak	100	103

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

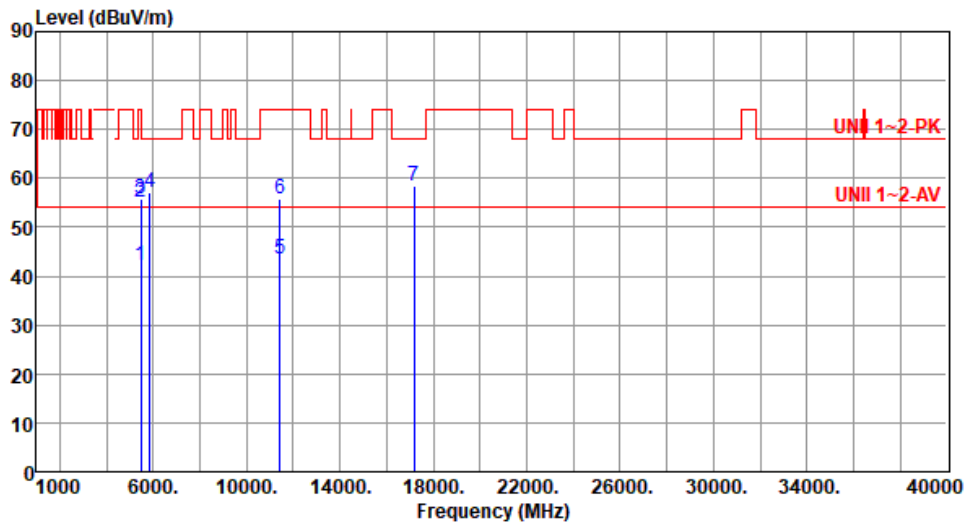
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	42.33	54.00	-11.67	42.25	0.08	Average	100	47
2	5460.00	55.20	74.00	-18.80	55.12	0.08	Peak	100	47
3	5470.00	55.73	68.20	-12.47	55.64	0.09	Peak	100	47
4	5850.00	57.01	68.20	-11.19	56.13	0.88	Peak	100	47
5	11440.00	43.45	54.00	-10.55	36.28	7.17	Average	100	183
6	11440.00	55.78	74.00	-18.22	48.61	7.17	Peak	100	183
7	17160.00	58.34	68.20	-9.86	52.26	6.08	Peak	100	212

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

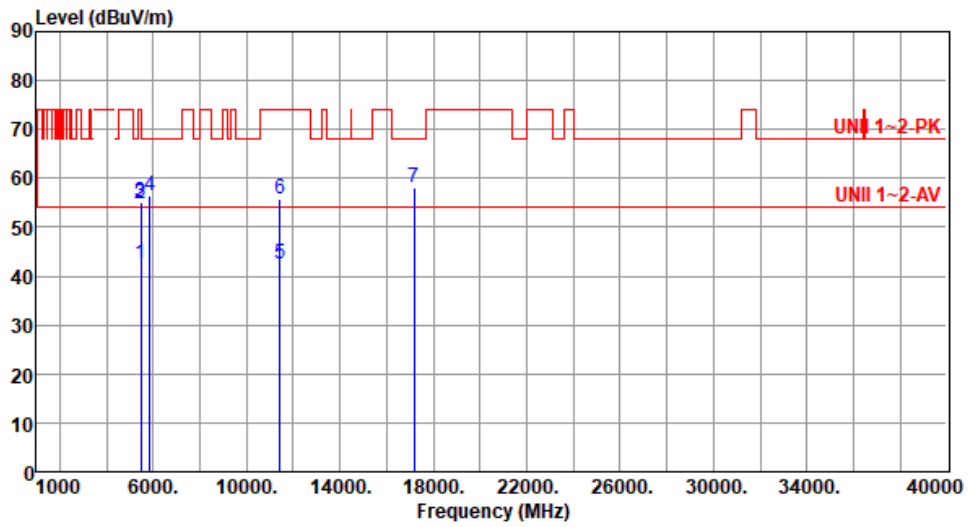
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	42.38	54.00	-11.62	42.30	0.08	Average	100	21
2	5460.00	54.65	74.00	-19.35	54.57	0.08	Peak	100	21
3	5470.00	55.22	68.20	-12.98	55.13	0.09	Peak	100	21
4	5850.00	56.35	68.20	-11.85	55.47	0.88	Peak	100	21
5	11440.00	42.51	54.00	-11.49	35.34	7.17	Average	100	208
6	11440.00	55.71	74.00	-18.29	48.54	7.17	Peak	100	208
7	17160.00	58.26	68.20	-9.94	52.18	6.08	Peak	100	168

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

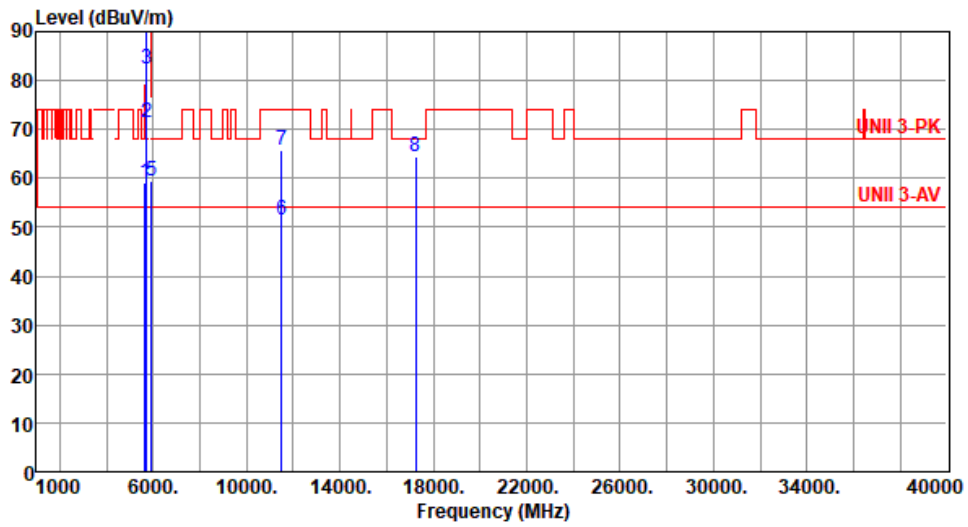
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	59.27	68.20	-8.93	59.03	0.24	Peak	134	235
2	5700.00	71.50	105.20	-33.70	71.03	0.47	Peak	134	235
3	5720.00	82.21	110.80	-28.59	81.64	0.57	Peak	134	235
4	5725.00	95.31	122.20	-26.89	94.72	0.59	Peak	134	235
5	5925.00	59.43	68.20	-8.77	58.24	1.19	Peak	134	235
6	11490.00	51.59	54.00	-2.41	44.34	7.25	Average	165	212
7	11490.00	65.72	74.00	-8.28	58.47	7.25	Peak	165	212
8	17235.00	64.49	68.20	-3.71	58.39	6.10	Peak	306	289

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

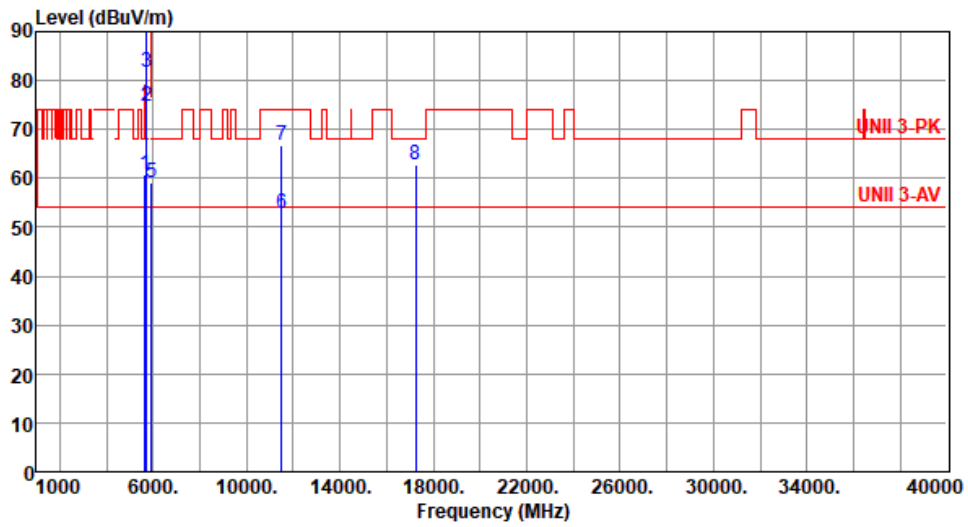
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	60.67	68.20	-7.53	60.43	0.24	Peak	100	37
2	5700.00	74.63	105.20	-30.57	74.16	0.47	Peak	100	37
3	5720.00	81.65	110.80	-29.15	81.08	0.57	Peak	100	37
4	5725.00	95.19	122.20	-27.01	94.60	0.59	Peak	100	37
5	5925.00	59.27	68.20	-8.93	58.08	1.19	Peak	100	37
6	11490.00	52.90	54.00	-1.10	45.65	7.25	Average	221	245
7	11490.00	66.88	74.00	-7.12	59.63	7.25	Peak	221	245
8	17235.00	62.69	68.20	-5.51	56.59	6.10	Peak	298	280

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

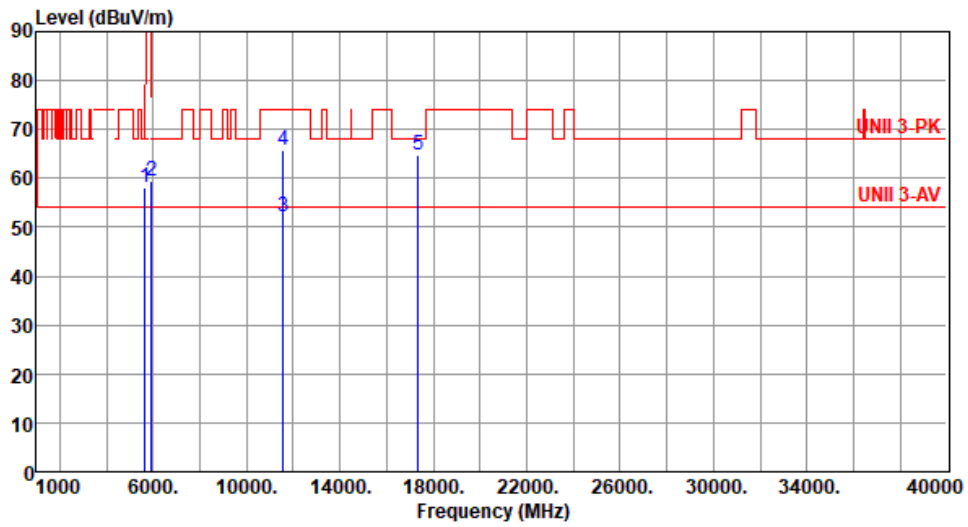
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	58.00	68.20	-10.20	57.76	0.24	Peak	133	237
2	5925.00	59.38	68.20	-8.82	58.19	1.19	Peak	133	237
3	11570.00	52.18	54.00	-1.82	45.15	7.03	Average	162	212
4	11570.00	65.83	74.00	-8.17	58.80	7.03	Peak	162	212
5	17355.00	64.74	68.20	-3.46	58.51	6.23	Peak	317	292

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

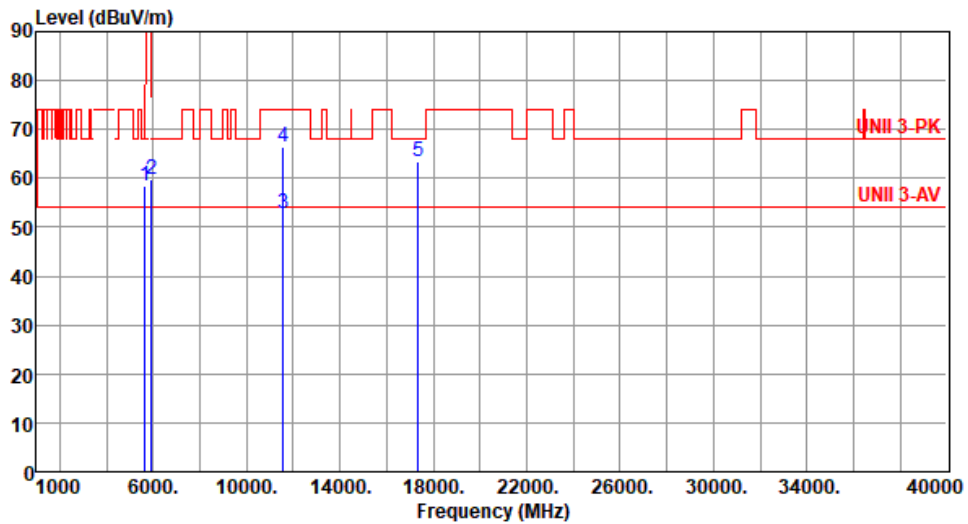
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	58.38	68.20	-9.82	58.14	0.24	Peak	100	31
2	5925.00	59.83	68.20	-8.37	58.64	1.19	Peak	100	31
3	11570.00	52.89	54.00	-1.11	45.86	7.03	Average	207	247
4	11570.00	66.50	74.00	-7.50	59.47	7.03	Peak	207	247
5	17355.00	63.27	68.20	-4.93	57.04	6.23	Peak	295	277

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

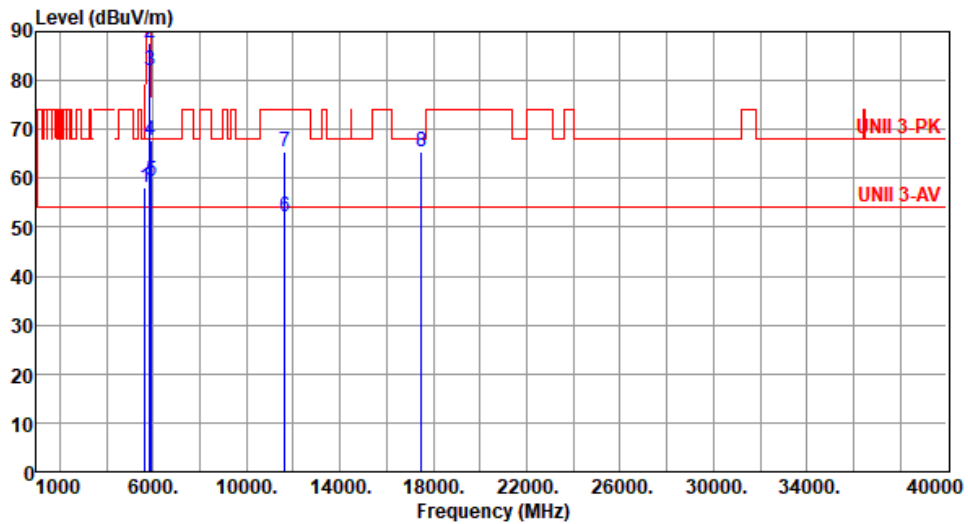
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	58.10	68.20	-10.10	57.86	0.24	Peak	136	272
2	5850.00	87.78	122.20	-34.42	86.90	0.88	Peak	136	272
3	5855.00	82.11	110.80	-28.69	81.20	0.91	Peak	136	272
4	5875.00	67.60	105.20	-37.60	66.60	1.00	Peak	136	272
5	5925.00	59.61	68.20	-8.59	58.42	1.19	Peak	136	272
6	11650.00	52.04	54.00	-1.96	45.28	6.76	Average	164	216
7	11650.00	65.38	74.00	-8.62	58.62	6.76	Peak	164	216
8	17475.00	65.32	68.20	-2.88	58.73	6.59	Peak	278	291

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

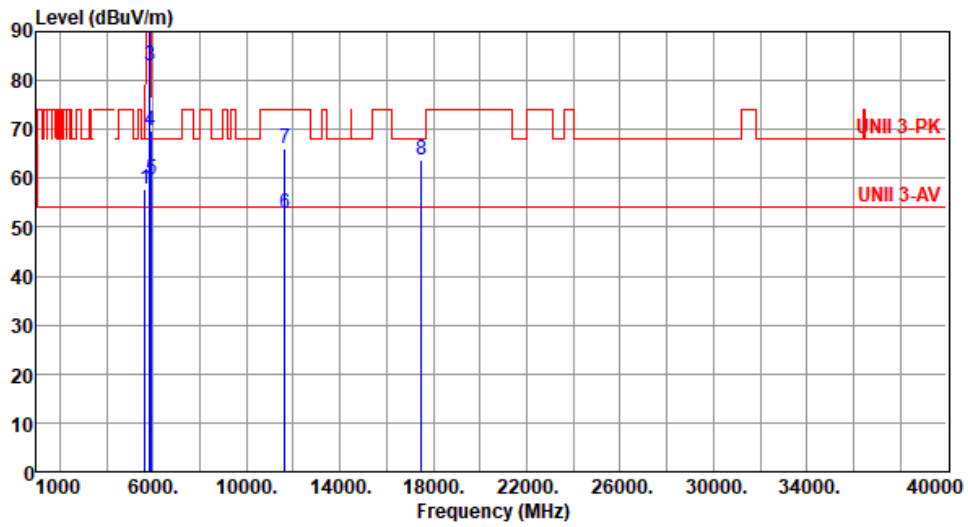
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	57.89	68.20	-10.31	57.65	0.24	Peak	100	39
2	5850.00	90.78	122.20	-31.42	89.90	0.88	Peak	100	39
3	5855.00	83.04	110.80	-27.76	82.13	0.91	Peak	100	39
4	5875.00	69.62	105.20	-35.58	68.62	1.00	Peak	100	39
5	5925.00	59.68	68.20	-8.52	58.49	1.19	Peak	100	39
6	11650.00	52.95	54.00	-1.05	46.19	6.76	Average	215	246
7	11650.00	66.10	74.00	-7.90	59.34	6.76	Peak	215	246
8	17475.00	63.64	68.20	-4.56	57.05	6.59	Peak	279	282

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

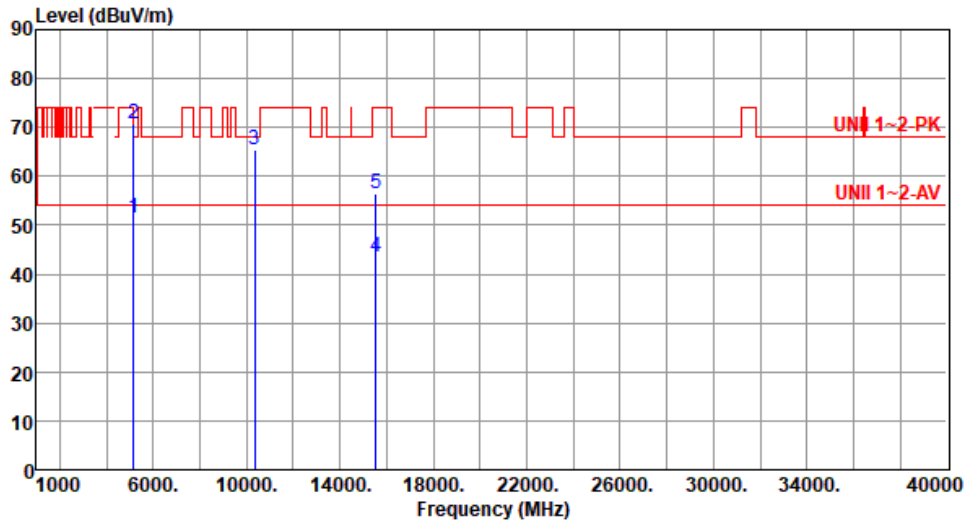
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE20

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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	51.49	54.00	-2.51	51.25	0.24	Average	172	37
2	5150.00	70.85	74.00	-3.15	70.61	0.24	Peak	172	37
3	10360.00	65.44	68.20	-2.76	58.35	7.09	Peak	128	181
4	15540.00	43.66	54.00	-10.34	39.51	4.15	Average	100	176
5	15540.00	56.48	74.00	-17.52	52.33	4.15	Peak	100	176

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

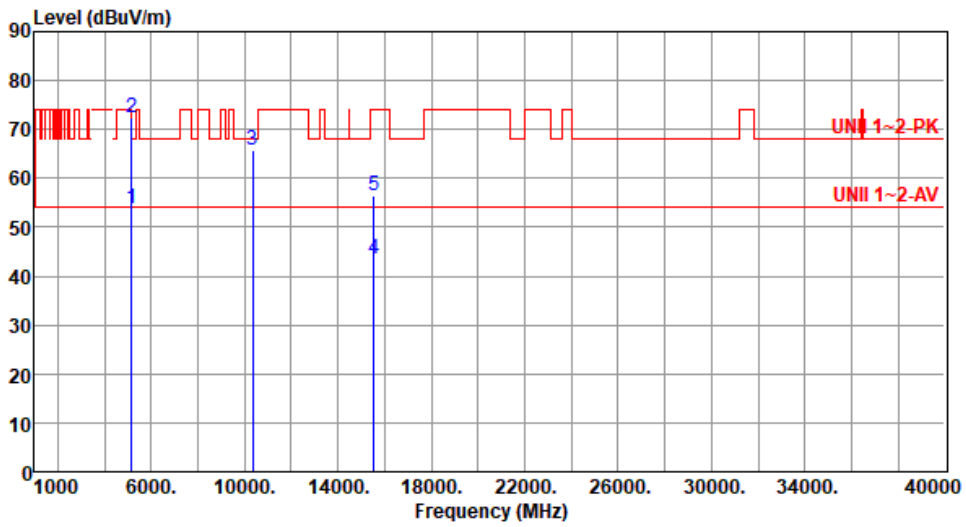
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 61



	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	53.72	54.00	-0.28	53.48	0.24	Average	100	224
2	5150.00	72.54	74.00	-1.46	72.30	0.24	Peak	100	224
3	10360.00	65.82	68.20	-2.38	58.73	7.09	Peak	175	251
4	15540.00	43.55	54.00	-10.45	39.40	4.15	Average	100	177
5	15540.00	56.62	74.00	-17.38	52.47	4.15	Peak	100	177

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

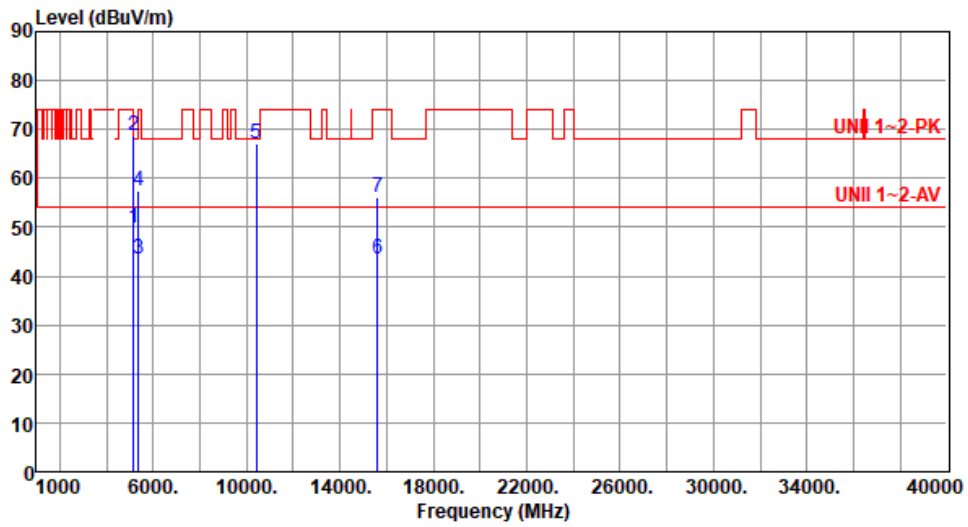
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	49.82	54.00	-4.18	49.58	0.24	Average	100	226
2	5150.00	68.77	74.00	-5.23	68.53	0.24	Peak	100	226
3	5350.00	43.37	54.00	-10.63	43.55	-0.18	Average	100	226
4	5350.00	57.39	74.00	-16.61	57.57	-0.18	Peak	100	226
5	10400.00	66.98	68.20	-1.22	59.79	7.19	Peak	126	178
6	15600.00	43.43	54.00	-10.57	39.48	3.95	Average	100	190
7	15600.00	56.19	74.00	-17.81	52.24	3.95	Peak	100	190

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

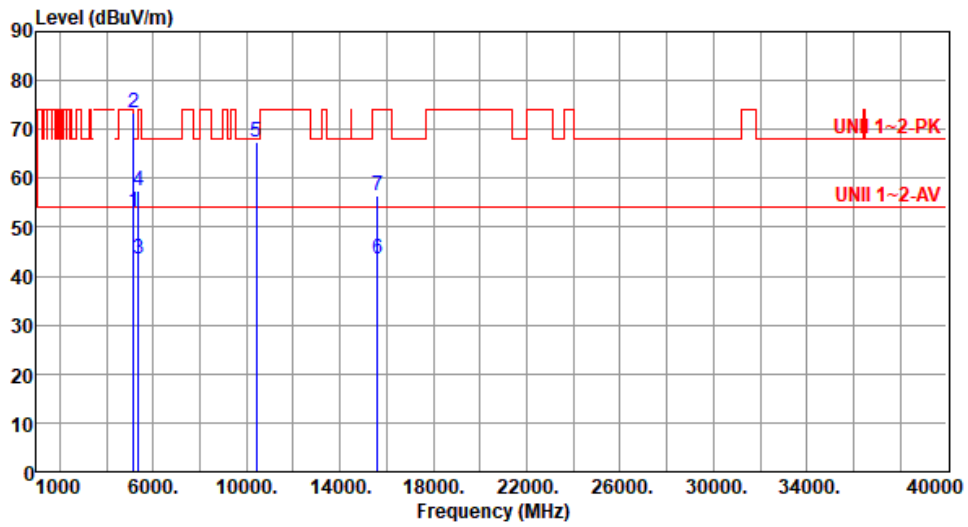
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	53.25	54.00	-0.75	53.01	0.24	Average	100	75
2	5150.00	73.30	74.00	-0.70	73.06	0.24	Peak	100	75
3	5350.00	43.57	54.00	-10.43	43.75	-0.18	Average	100	75
4	5350.00	57.49	74.00	-16.51	57.67	-0.18	Peak	100	75
5	10400.00	67.35	68.20	-0.85	60.16	7.19	Peak	174	249
6	15600.00	43.41	54.00	-10.59	39.46	3.95	Average	100	165
7	15600.00	56.49	74.00	-17.51	52.54	3.95	Peak	100	165

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

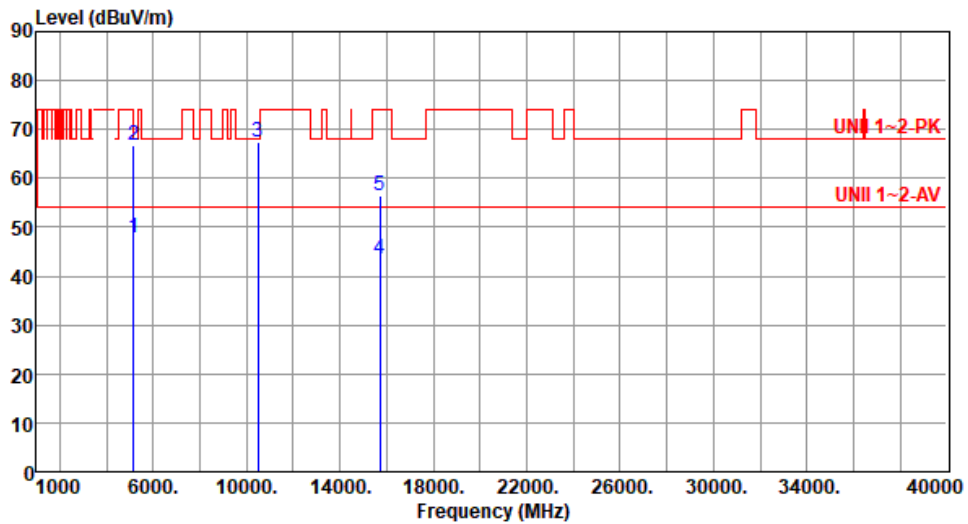
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	47.88	54.00	-6.12	47.64	0.24	Average	100	228
2	5150.00	66.61	74.00	-7.39	66.37	0.24	Peak	100	228
3	10480.00	67.46	68.20	-0.74	60.22	7.24	Peak	125	179
4	15720.00	43.44	54.00	-10.56	39.51	3.93	Average	100	150
5	15720.00	56.30	74.00	-17.70	52.37	3.93	Peak	100	150

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

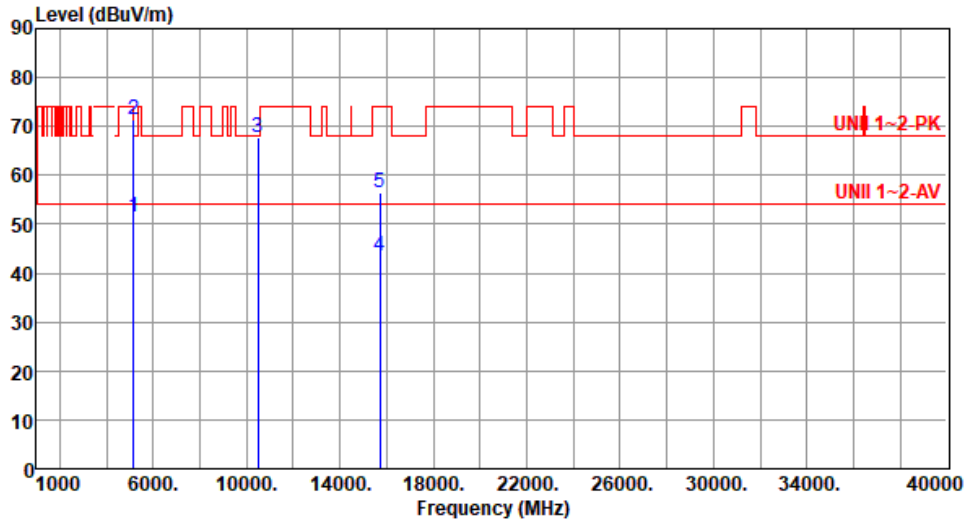
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	51.50	54.00	-2.50	51.26	0.24	Average	100	83
2	5150.00	71.32	74.00	-2.68	71.08	0.24	Peak	100	83
3	10480.00	67.90	68.20	-0.30	60.66	7.24	Peak	178	238
4	15720.00	43.50	54.00	-10.50	39.57	3.93	Average	100	200
5	15720.00	56.36	74.00	-17.64	52.43	3.93	Peak	100	200

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

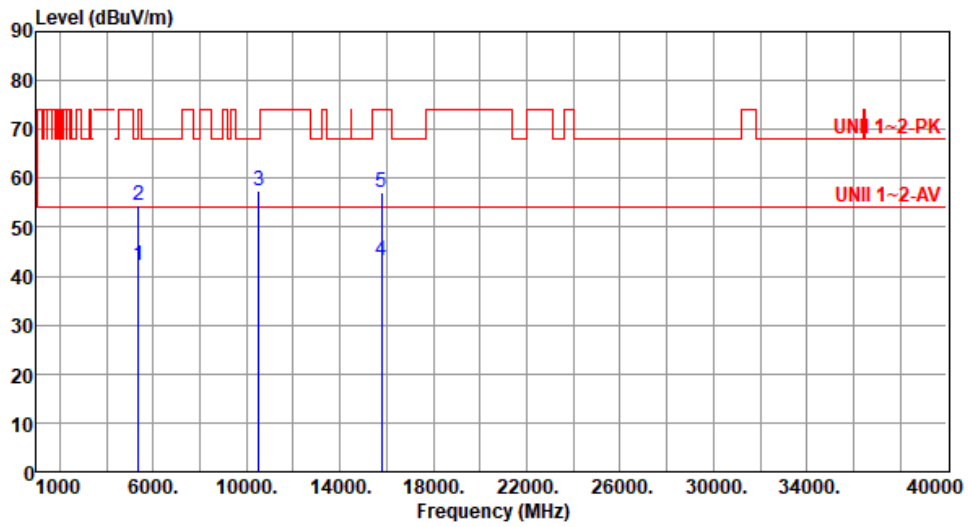
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	42.29	54.00	-11.71	42.47	-0.18	Average	166	83
2	5350.00	54.55	74.00	-19.45	54.73	-0.18	Peak	166	83
3	10520.00	57.51	68.20	-10.69	50.25	7.26	Peak	107	184
4	15780.00	43.22	54.00	-10.78	39.25	3.97	Average	100	241
5	15780.00	57.02	74.00	-16.98	53.05	3.97	Peak	100	241

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

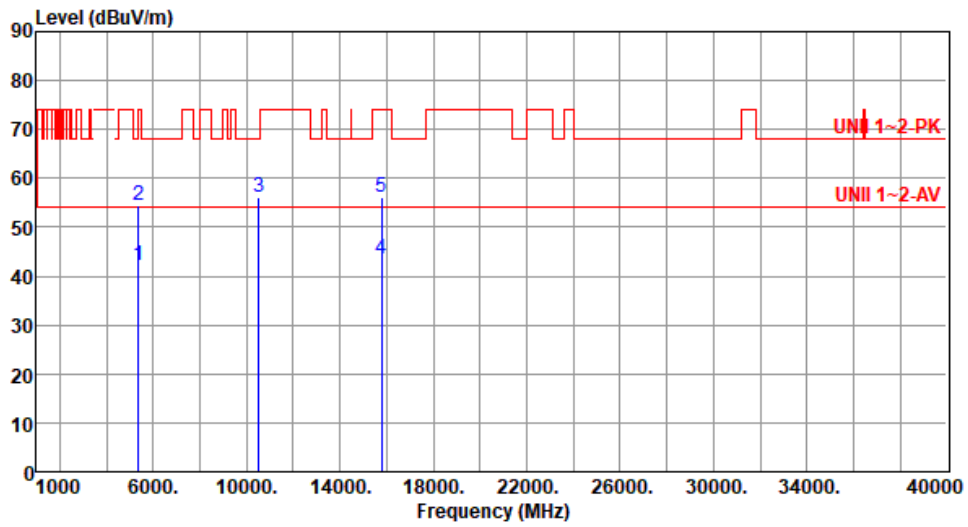
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	42.32	54.00	-11.68	42.50	-0.18	Average	100	188
2	5350.00	54.45	74.00	-19.55	54.63	-0.18	Peak	100	188
3	10520.00	56.01	68.20	-12.19	48.75	7.26	Peak	100	244
4	15780.00	43.41	54.00	-10.59	39.44	3.97	Average	100	106
5	15780.00	56.22	74.00	-17.78	52.25	3.97	Peak	100	106

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

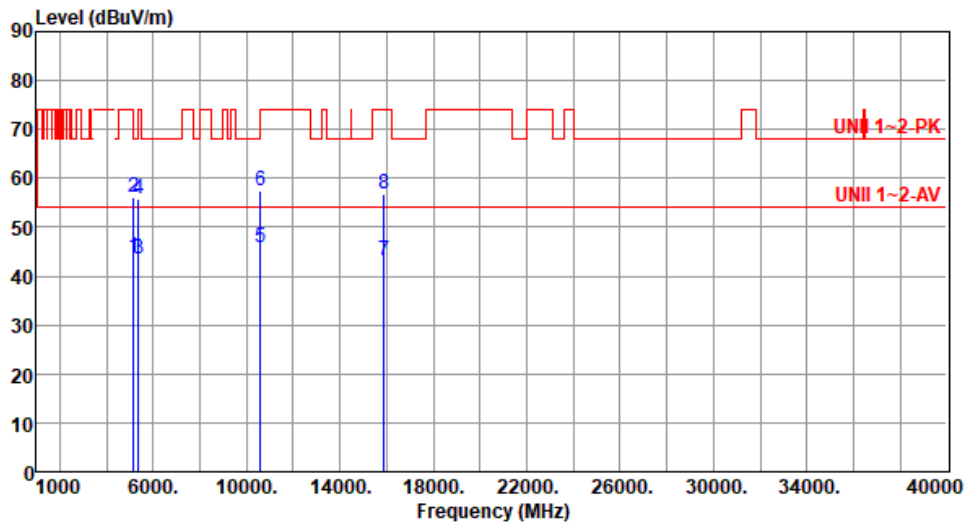
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.82	54.00	-10.18	43.58	0.24	Average	169	80
2	5150.00	56.10	74.00	-17.90	55.86	0.24	Peak	169	80
3	5350.00	43.43	54.00	-10.57	43.61	-0.18	Average	169	80
4	5350.00	55.94	74.00	-18.06	56.12	-0.18	Peak	169	80
5	10600.00	45.89	54.00	-8.11	38.65	7.24	Average	107	182
6	10600.00	57.47	74.00	-16.53	50.23	7.24	Peak	107	182
7	15900.00	43.17	54.00	-10.83	39.02	4.15	Average	100	251
8	15900.00	56.91	74.00	-17.09	52.76	4.15	Peak	100	251

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

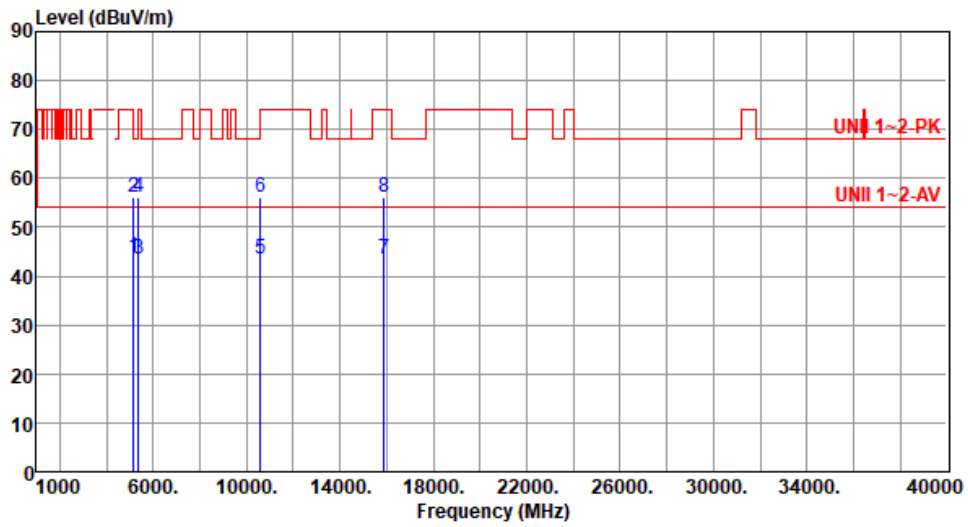
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.86	54.00	-10.14	43.62	0.24	Average	100	191
2	5150.00	56.13	74.00	-17.87	55.89	0.24	Peak	100	191
3	5350.00	43.58	54.00	-10.42	43.76	-0.18	Average	100	191
4	5350.00	56.07	74.00	-17.93	56.25	-0.18	Peak	100	191
5	10600.00	43.39	54.00	-10.61	36.15	7.24	Average	100	231
6	10600.00	56.11	74.00	-17.89	48.87	7.24	Peak	100	231
7	15900.00	43.38	54.00	-10.62	39.23	4.15	Average	100	123
8	15900.00	56.14	74.00	-17.86	51.99	4.15	Peak	100	123

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

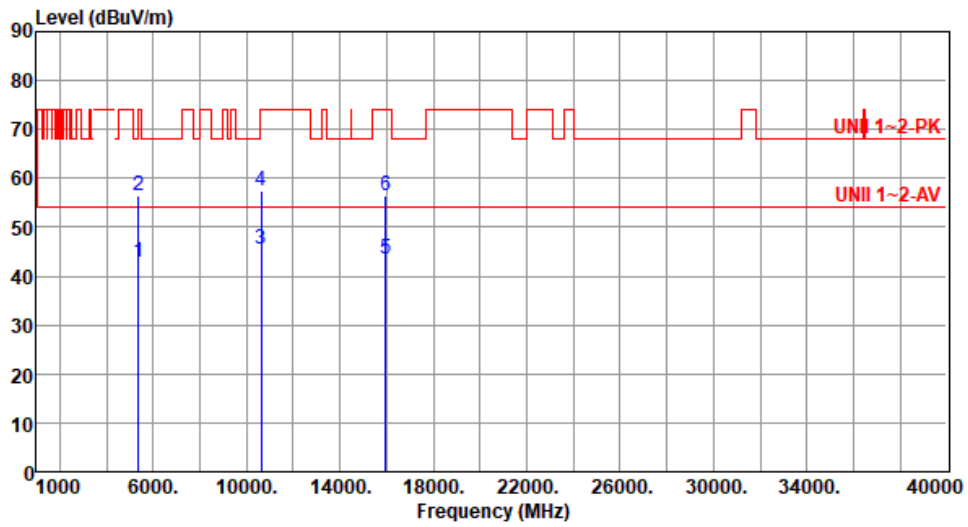
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	42.88	54.00	-11.12	43.06	-0.18	Average	169	74
2	5350.00	56.55	74.00	-17.45	56.73	-0.18	Peak	169	74
3	10640.00	45.42	54.00	-8.58	38.23	7.19	Average	106	179
4	10640.00	57.30	74.00	-16.70	50.11	7.19	Peak	106	179
5	15960.00	43.51	54.00	-10.49	39.38	4.13	Average	100	176
6	15960.00	56.46	74.00	-17.54	52.33	4.13	Peak	100	176

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

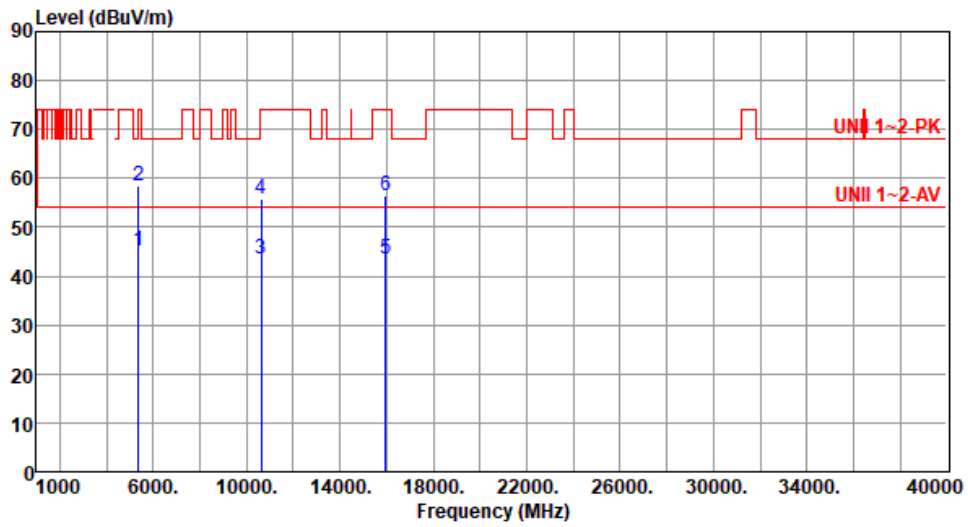
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	45.07	54.00	-8.93	45.25	-0.18	Average	100	334
2	5350.00	58.57	74.00	-15.43	58.75	-0.18	Peak	100	334
3	10640.00	43.46	54.00	-10.54	36.27	7.19	Average	100	183
4	10640.00	55.90	74.00	-18.10	48.71	7.19	Peak	100	183
5	15960.00	43.34	54.00	-10.66	39.21	4.13	Average	100	255
6	15960.00	56.61	74.00	-17.39	52.48	4.13	Peak	100	255

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

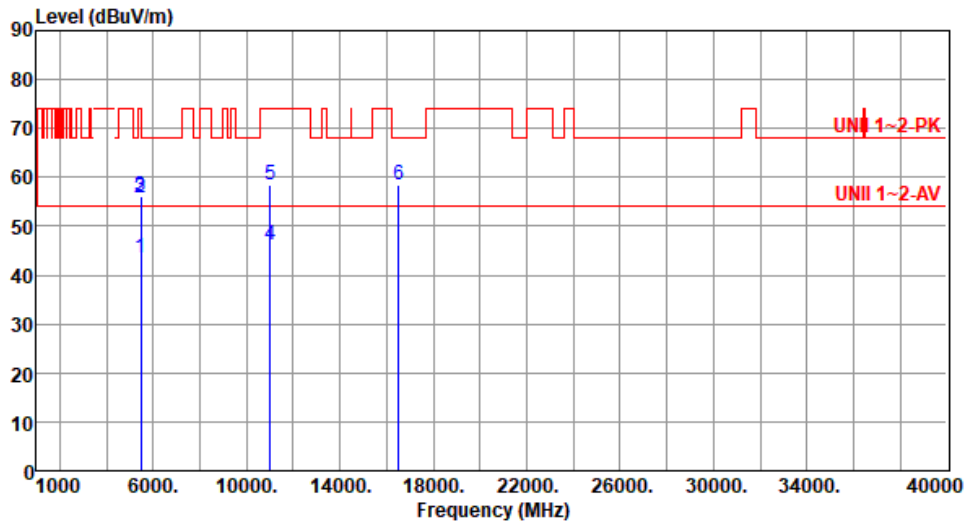
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	43.48	54.00	-10.52	43.40	0.08	Average	158	23
2	5460.00	55.94	74.00	-18.06	55.86	0.08	Peak	158	23
3	5470.00	56.21	68.20	-11.99	56.12	0.09	Peak	158	23
4	11000.00	46.02	54.00	-7.98	38.48	7.54	Average	156	220
5	11000.00	58.57	74.00	-15.43	51.03	7.54	Peak	156	220
6	16500.00	58.40	68.20	-9.80	52.33	6.07	Peak	100	181

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

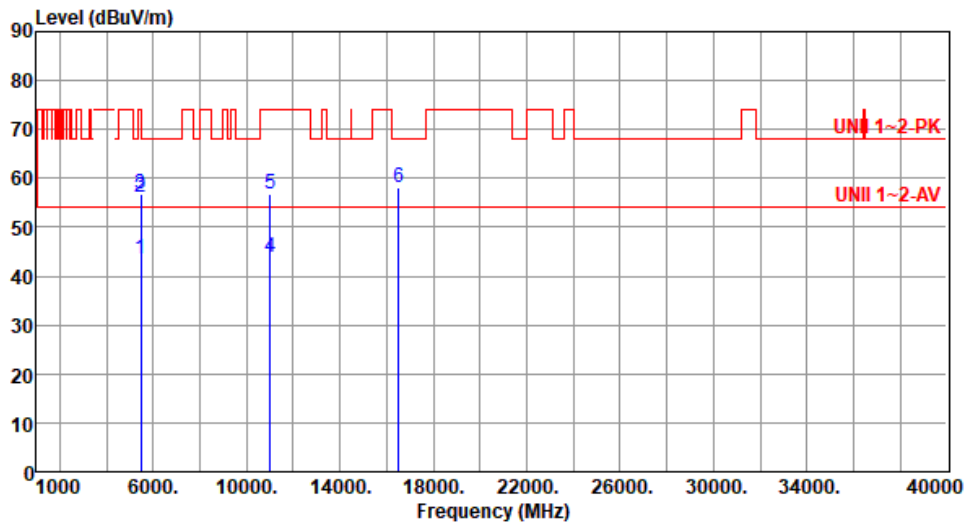
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	43.54	0.08	Average	100	44
2	5460.00	56.00	74.00	-18.00	55.92	0.08	Peak	100	44
3	5470.00	56.72	68.20	-11.48	56.63	0.09	Peak	100	44
4	11000.00	43.78	54.00	-10.22	36.24	7.54	Average	100	237
5	11000.00	56.67	74.00	-17.33	49.13	7.54	Peak	100	237
6	16500.00	58.25	68.20	-9.95	52.18	6.07	Peak	100	108

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

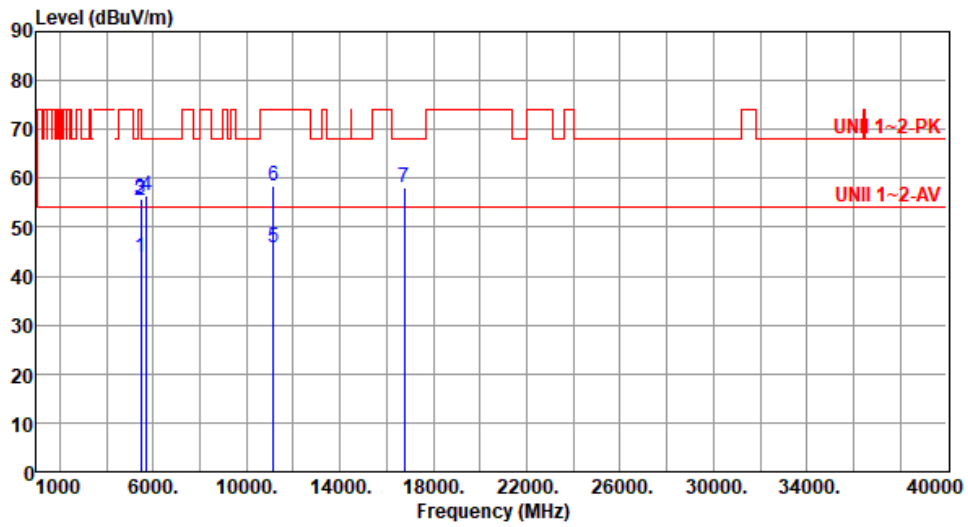
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.61	0.08	Average	165	28
2	5460.00	55.44	74.00	-18.56	55.36	0.08	Peak	165	28
3	5470.00	55.85	68.20	-12.35	55.76	0.09	Peak	165	28
4	5725.00	56.42	68.20	-11.78	55.83	0.59	Peak	165	28
5	11160.00	45.68	54.00	-8.32	38.69	6.99	Average	154	221
6	11160.00	58.30	74.00	-15.70	51.31	6.99	Peak	154	221
7	16740.00	58.16	68.20	-10.04	51.75	6.41	Peak	100	177

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

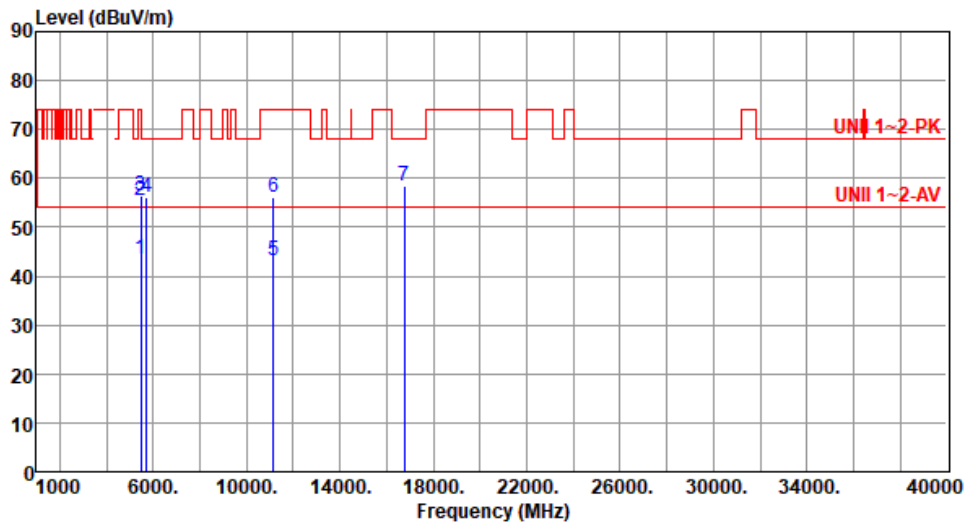
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 25 Humidity(%): 62



	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	43.63	54.00	-10.37	43.55	0.08	Average	100	36
2	5460.00	55.43	74.00	-18.57	55.35	0.08	Peak	100	36
3	5470.00	56.56	68.20	-11.64	56.47	0.09	Peak	100	36
4	5725.00	56.25	68.20	-11.95	55.66	0.59	Peak	100	36
5	11160.00	43.11	54.00	-10.89	36.12	6.99	Average	100	241
6	11160.00	56.25	74.00	-17.75	49.26	6.99	Peak	100	241
7	16740.00	58.44	68.20	-9.76	52.03	6.41	Peak	100	210

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

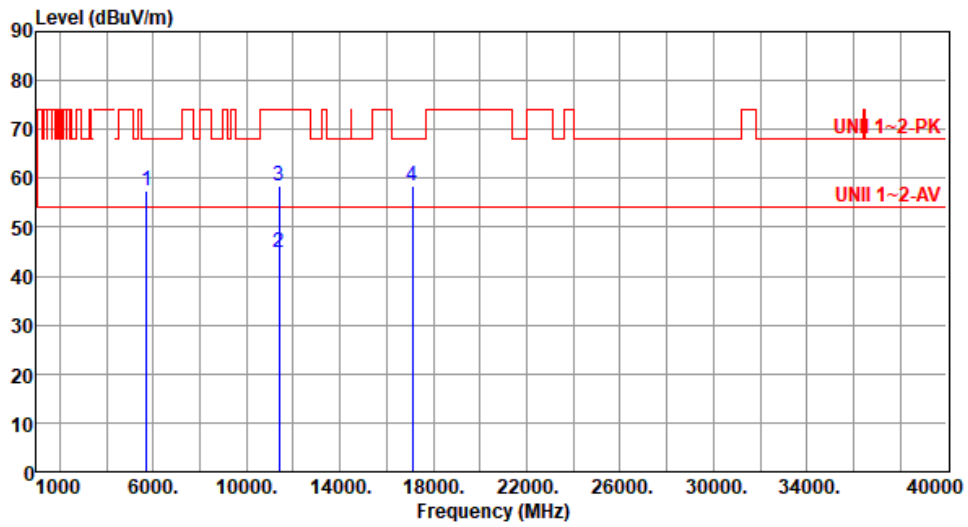
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	57.37	68.20	-10.83	56.78	0.59	Peak	167	24
2	11400.00	44.92	54.00	-9.08	37.82	7.10	Average	158	226
3	11400.00	58.29	74.00	-15.71	51.19	7.10	Peak	158	226
4	17100.00	58.59	68.20	-9.61	52.61	5.98	Peak	100	168

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

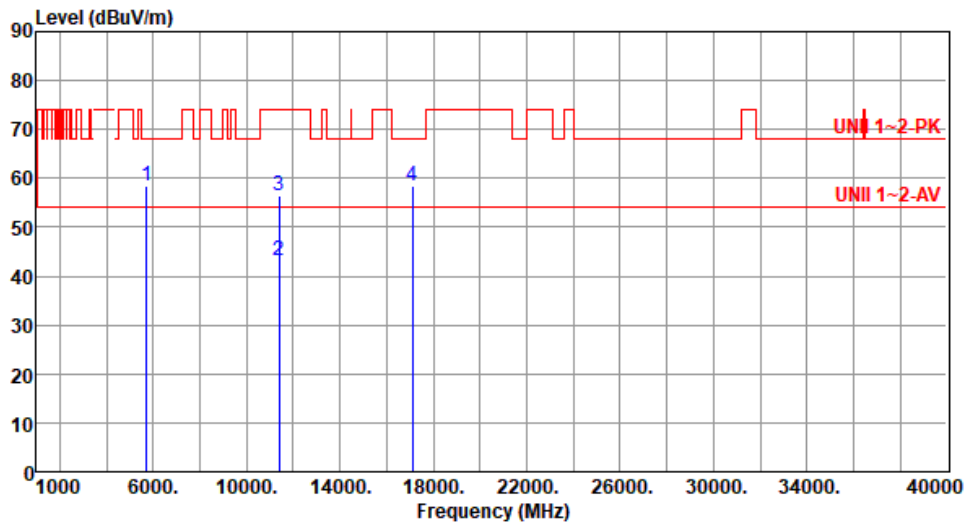
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	58.45	68.20	-9.75	57.86	0.59	Peak	100	180
2	11400.00	43.32	54.00	-10.68	36.22	7.10	Average	100	251
3	11400.00	56.37	74.00	-17.63	49.27	7.10	Peak	100	251
4	17100.00	58.49	68.20	-9.71	52.51	5.98	Peak	100	278

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

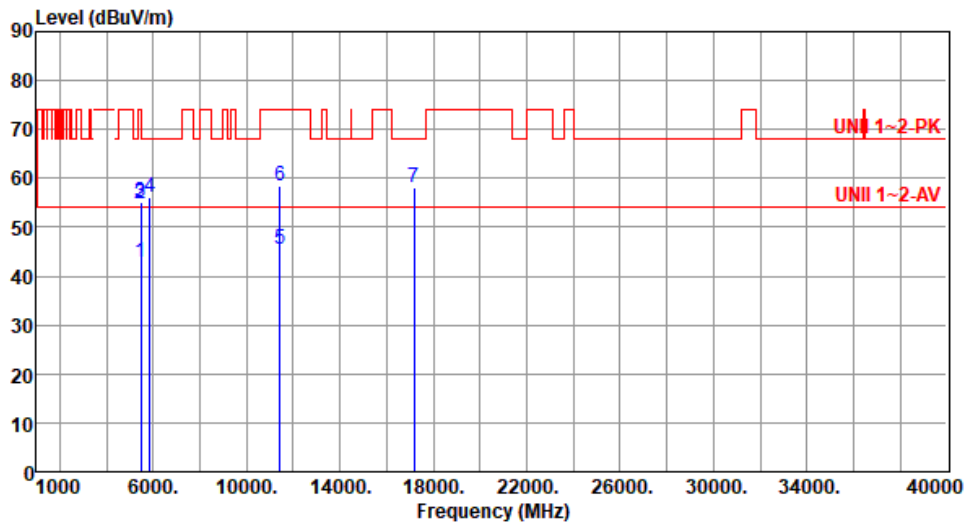
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	42.69	54.00	-11.31	42.61	0.08	Average	168	31
2	5460.00	54.95	74.00	-19.05	54.87	0.08	Peak	168	31
3	5470.00	55.22	68.20	-12.98	55.13	0.09	Peak	168	31
4	5850.00	56.14	68.20	-12.06	55.26	0.88	Peak	168	31
5	11440.00	45.61	54.00	-8.39	38.44	7.17	Average	158	223
6	11440.00	58.33	74.00	-15.67	51.16	7.17	Peak	158	223
7	17160.00	58.21	68.20	-9.99	52.13	6.08	Peak	100	181

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

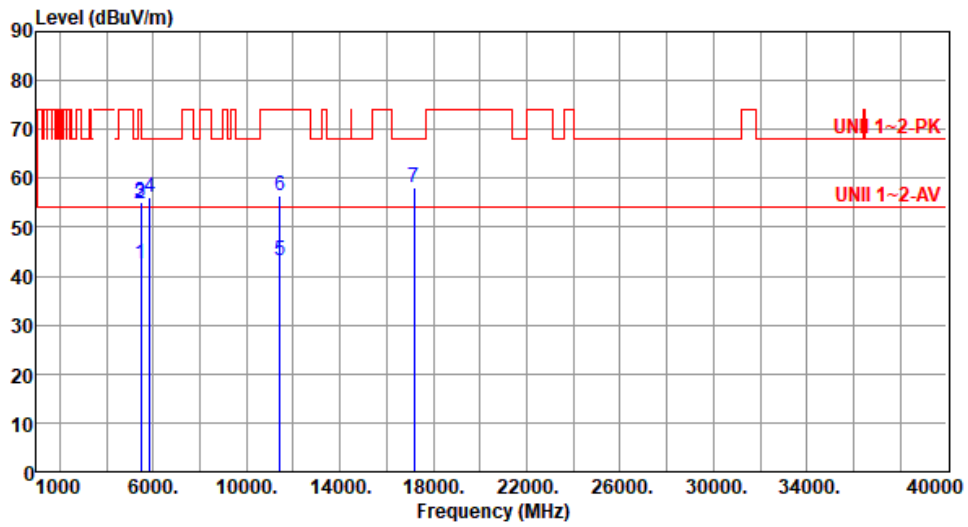
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	42.45	54.00	-11.55	42.37	0.08	Average	100	44
2	5460.00	54.69	74.00	-19.31	54.61	0.08	Peak	100	44
3	5470.00	55.22	68.20	-12.98	55.13	0.09	Peak	100	44
4	5850.00	56.10	68.20	-12.10	55.22	0.88	Peak	100	44
5	11440.00	43.20	54.00	-10.80	36.03	7.17	Average	100	258
6	11440.00	56.38	74.00	-17.62	49.21	7.17	Peak	100	258
7	17160.00	58.27	68.20	-9.93	52.19	6.08	Peak	100	222

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

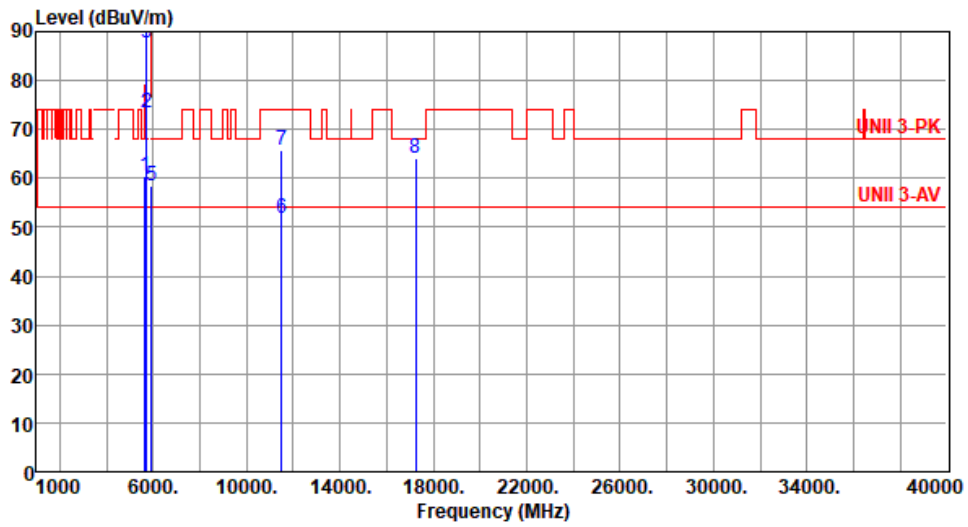
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	60.48	68.20	-7.72	60.24	0.24	Peak	100	25
2	5700.00	73.35	105.20	-31.85	72.88	0.47	Peak	100	25
3	5720.00	87.57	110.80	-23.23	87.00	0.57	Peak	100	25
4	5725.00	92.49	122.20	-29.71	91.90	0.59	Peak	100	25
5	5925.00	58.49	68.20	-9.71	57.30	1.19	Peak	100	25
6	11490.00	51.93	54.00	-2.07	44.68	7.25	Average	165	215
7	11490.00	65.91	74.00	-8.09	58.66	7.25	Peak	165	215
8	17235.00	64.12	68.20	-4.08	58.02	6.10	Peak	298	289

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

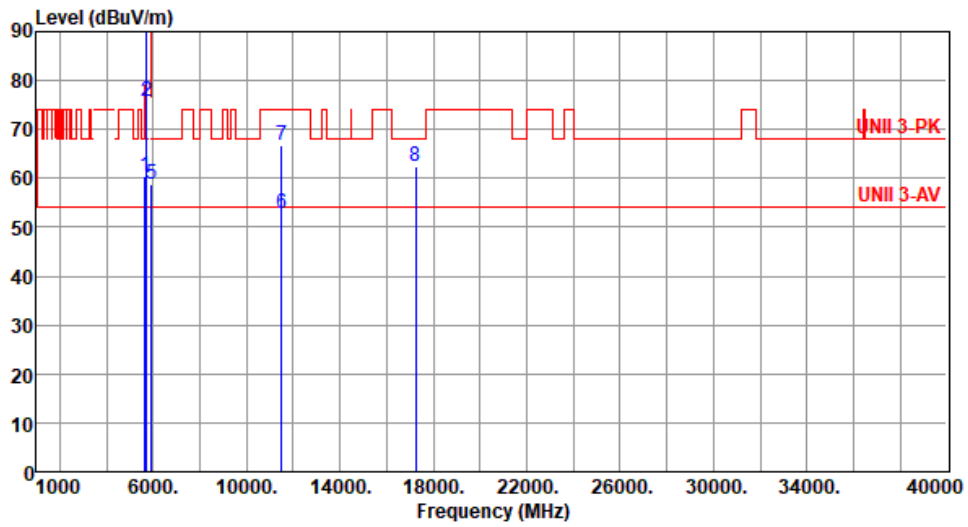
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	60.54	68.20	-7.66	60.30	0.24	Peak	100	192
2	5700.00	75.61	105.20	-29.59	75.14	0.47	Peak	100	192
3	5720.00	89.70	110.80	-21.10	89.13	0.57	Peak	100	192
4	5725.00	99.21	122.20	-22.99	98.62	0.59	Peak	100	192
5	5925.00	58.85	68.20	-9.35	57.66	1.19	Peak	100	192
6	11490.00	52.84	54.00	-1.16	45.59	7.25	Average	220	242
7	11490.00	66.82	74.00	-7.18	59.57	7.25	Peak	220	242
8	17235.00	62.43	68.20	-5.77	56.33	6.10	Peak	295	284

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

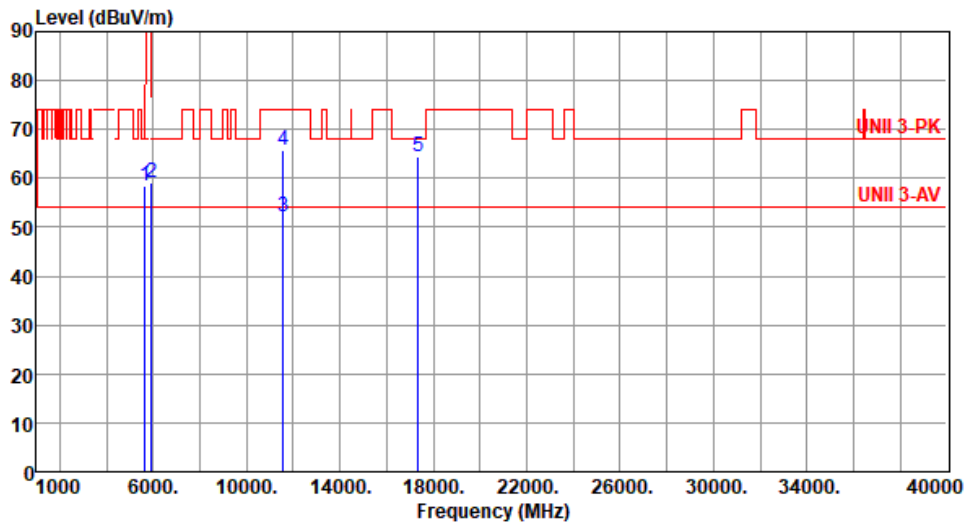
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	58.37	68.20	-9.83	58.13	0.24	Peak	100	14
2	5925.00	59.05	68.20	-9.15	57.86	1.19	Peak	100	14
3	11570.00	52.19	54.00	-1.81	45.16	7.03	Average	168	213
4	11570.00	65.62	74.00	-8.38	58.59	7.03	Peak	168	213
5	17355.00	64.28	68.20	-3.92	58.05	6.23	Peak	284	290

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

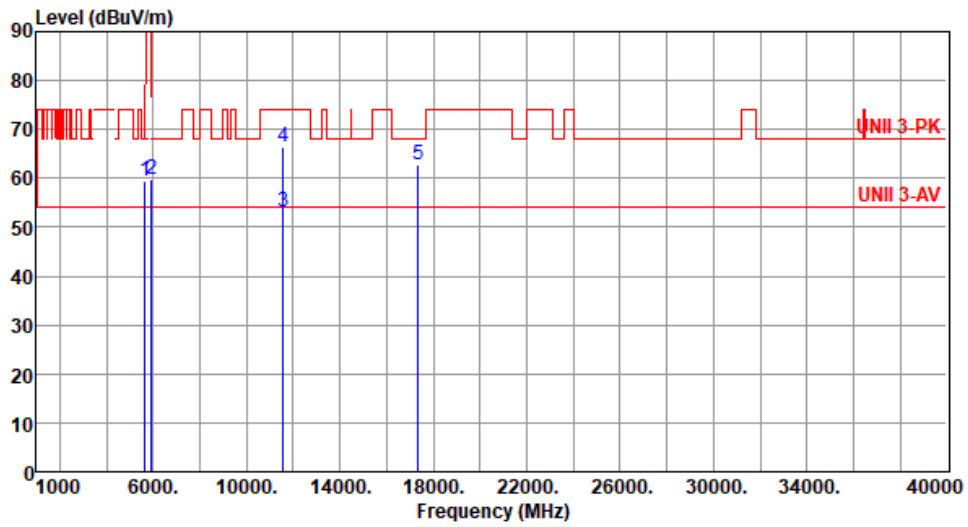
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	59.43	68.20	-8.77	59.19	0.24	Peak	100	184
2	5925.00	59.85	68.20	-8.35	58.66	1.19	Peak	100	184
3	11570.00	52.97	54.00	-1.03	45.94	7.03	Average	212	248
4	11570.00	66.29	74.00	-7.71	59.26	7.03	Peak	212	248
5	17355.00	62.68	68.20	-5.52	56.45	6.23	Peak	296	278

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

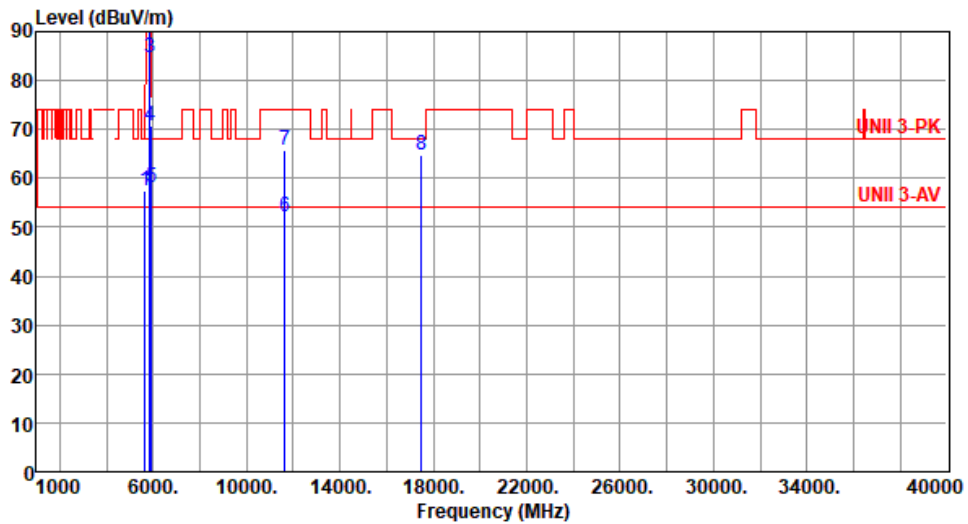
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	57.58	68.20	-10.62	57.34	0.24	Peak	154	253
2	5850.00	90.27	122.20	-31.93	89.39	0.88	Peak	154	253
3	5855.00	84.56	110.80	-26.24	83.65	0.91	Peak	154	253
4	5875.00	70.62	105.20	-34.58	69.62	1.00	Peak	154	253
5	5925.00	58.27	68.20	-9.93	57.08	1.19	Peak	154	253
6	11650.00	52.11	54.00	-1.89	45.35	6.76	Average	168	212
7	11650.00	65.71	74.00	-8.29	58.95	6.76	Peak	168	212
8	17475.00	64.84	68.20	-3.36	58.25	6.59	Peak	309	292

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

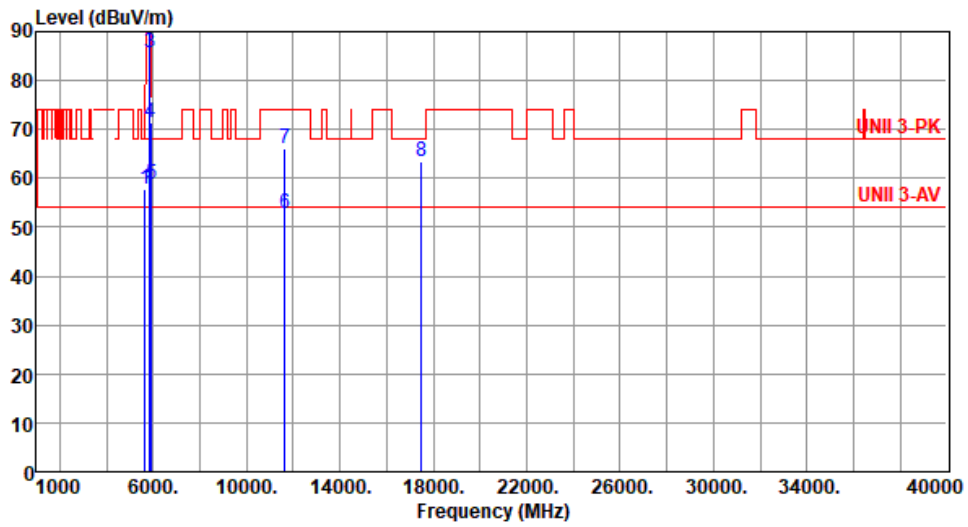
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Roger Lu Temperature(°C):26 Humidity(%):61



	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	57.83	68.20	-10.37	57.59	0.24	Peak	100	40
2	5850.00	90.87	122.20	-31.33	89.99	0.88	Peak	100	40
3	5855.00	85.59	110.80	-25.21	84.68	0.91	Peak	100	40
4	5875.00	71.30	105.20	-33.90	70.30	1.00	Peak	100	40
5	5925.00	58.78	68.20	-9.42	57.59	1.19	Peak	100	40
6	11650.00	52.89	54.00	-1.11	46.13	6.76	Average	205	248
7	11650.00	66.21	74.00	-7.79	59.45	6.76	Peak	205	248
8	17475.00	63.38	68.20	-4.82	56.79	6.59	Peak	271	279

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

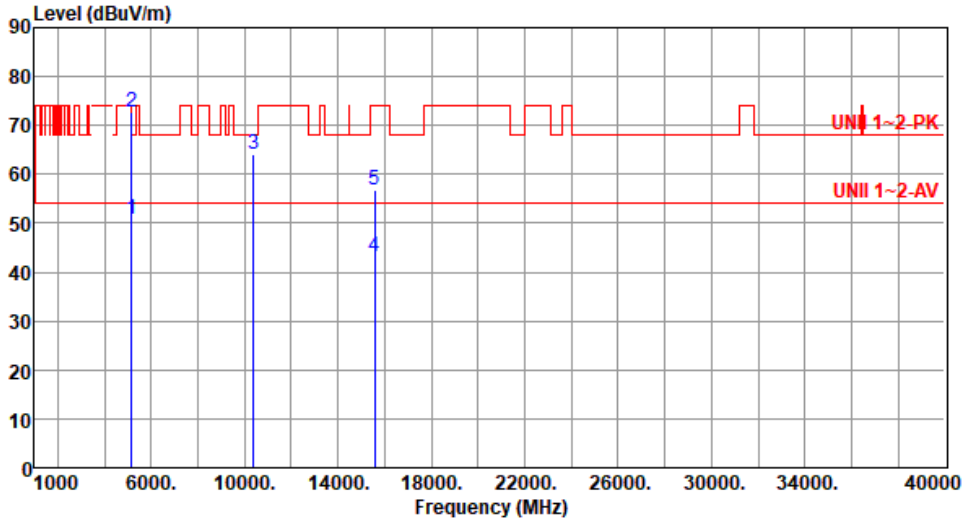
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE40

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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	50.72	54.00	-3.28	50.48	0.24	Average	100	225
2	5150.00	72.79	74.00	-1.21	72.55	0.24	Peak	100	225
3	10380.00	63.95	68.20	-4.25	56.81	7.14	Peak	118	179
4	15570.00	43.32	54.00	-10.68	39.28	4.04	Average	100	115
5	15570.00	56.73	74.00	-17.27	52.69	4.04	Peak	100	115

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

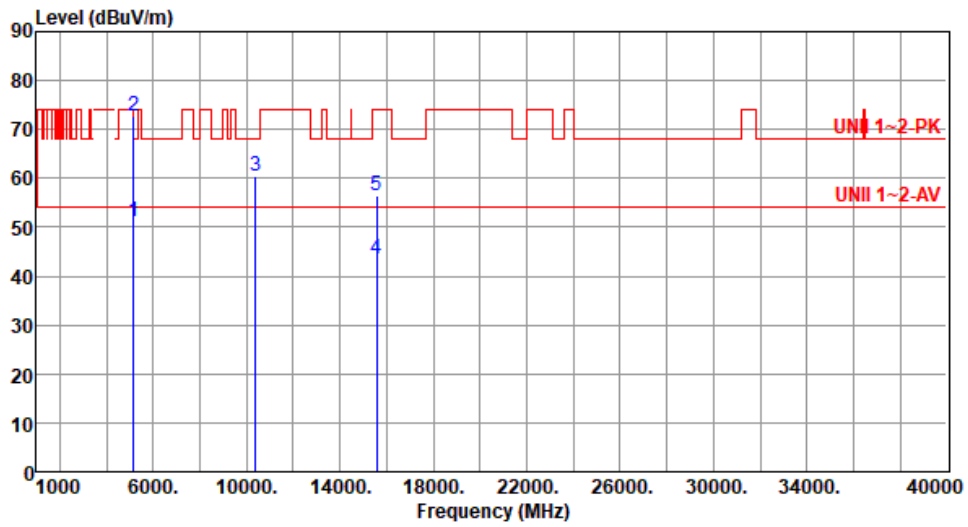
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	51.16	54.00	-2.84	50.92	0.24	Average	100	14
2	5150.00	72.63	74.00	-1.37	72.39	0.24	Peak	100	14
3	10380.00	60.61	68.20	-7.59	53.47	7.14	Peak	100	221
4	15570.00	43.46	54.00	-10.54	39.42	4.04	Average	100	283
5	15570.00	56.48	74.00	-17.52	52.44	4.04	Peak	100	283

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

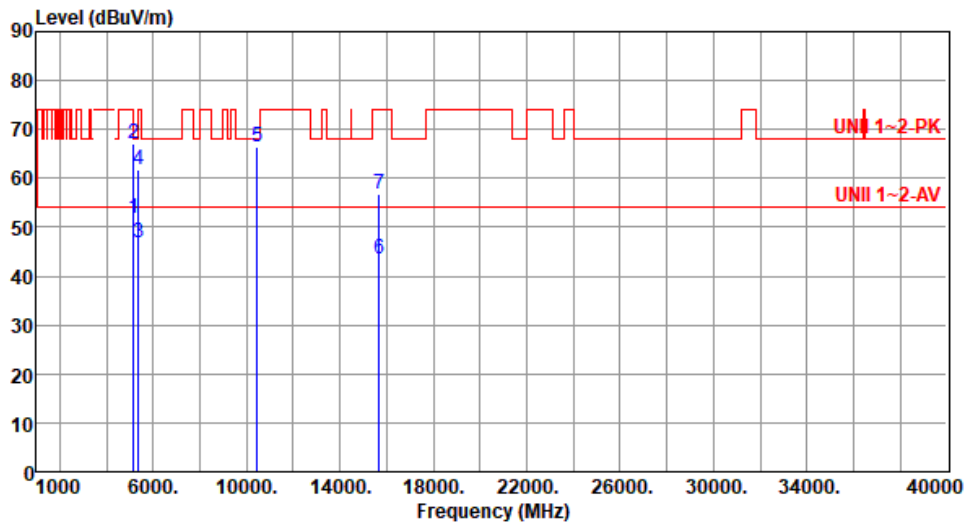
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	51.85	54.00	-2.15	51.61	0.24	Average	162	74
2	5150.00	67.01	74.00	-6.99	66.77	0.24	Peak	162	74
3	5350.00	46.73	54.00	-7.27	46.91	-0.18	Average	162	74
4	5350.00	61.76	74.00	-12.24	61.94	-0.18	Peak	162	74
5	10460.00	66.34	68.20	-1.86	59.10	7.24	Peak	114	186
6	15690.00	43.50	54.00	-10.50	39.58	3.92	Average	100	124
7	15690.00	56.94	74.00	-17.06	53.02	3.92	Peak	100	124

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

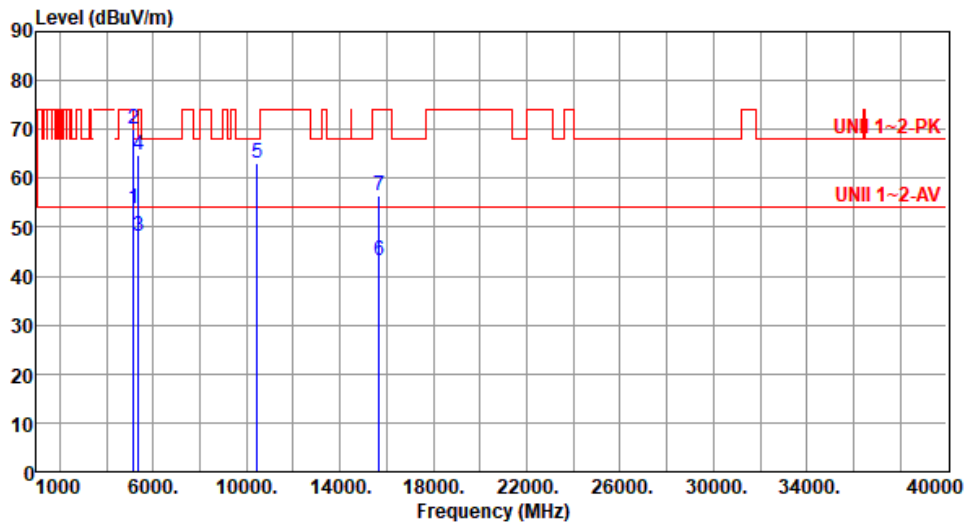
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	53.69	54.00	-0.31	53.45	0.24	Average	100	217
2	5150.00	70.09	74.00	-3.91	69.85	0.24	Peak	100	217
3	5350.00	48.05	54.00	-5.95	48.23	-0.18	Average	100	204
4	5350.00	64.79	74.00	-9.21	64.97	-0.18	Peak	100	204
5	10460.00	62.95	68.20	-5.25	55.71	7.24	Peak	100	215
6	15690.00	43.16	54.00	-10.84	39.24	3.92	Average	100	271
7	15690.00	56.52	74.00	-17.48	52.60	3.92	Peak	100	271

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

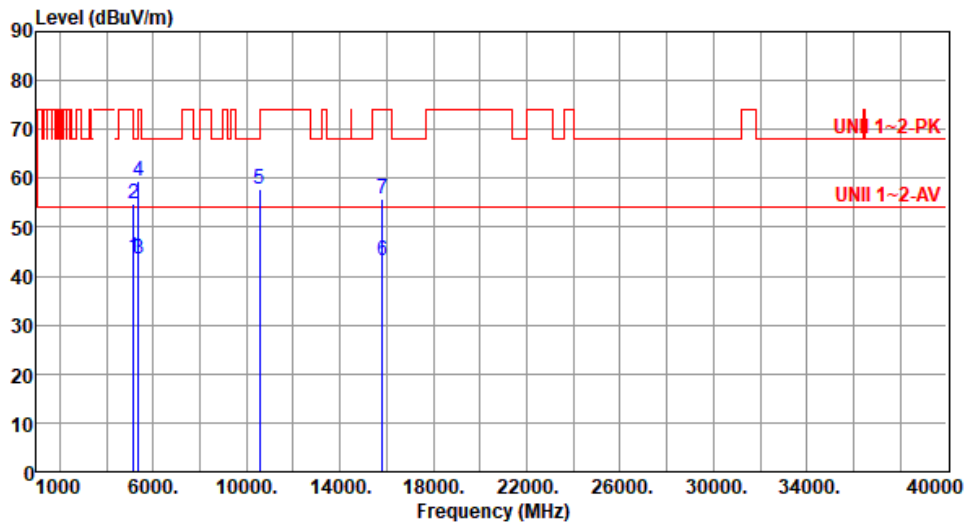
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	43.71	54.00	-10.29	43.47	0.24	Average	100	75
2	5150.00	54.86	74.00	-19.14	54.62	0.24	Peak	100	75
3	5350.00	43.35	54.00	-10.65	43.53	-0.18	Average	100	75
4	5350.00	59.59	74.00	-14.41	59.77	-0.18	Peak	100	75
5	10540.00	57.89	68.20	-10.31	50.64	7.25	Peak	104	189
6	15810.00	43.26	54.00	-10.74	39.26	4.00	Average	100	217
7	15810.00	55.64	74.00	-18.36	51.64	4.00	Peak	100	217

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

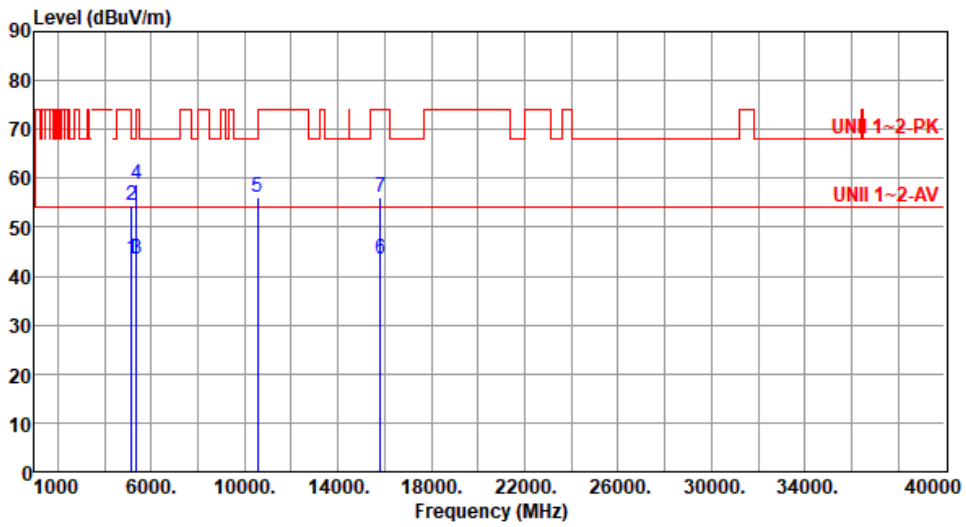
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	43.64	54.00	-10.36	43.40	0.24	Average	100	222
2	5150.00	54.51	74.00	-19.49	54.27	0.24	Peak	100	222
3	5350.00	43.64	54.00	-10.36	43.82	-0.18	Average	100	222
4	5350.00	58.86	74.00	-15.14	59.04	-0.18	Peak	100	222
5	10540.00	56.19	68.20	-12.01	48.94	7.25	Peak	100	233
6	15810.00	43.34	54.00	-10.66	39.34	4.00	Average	100	176
7	15810.00	56.26	74.00	-17.74	52.26	4.00	Peak	100	176

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

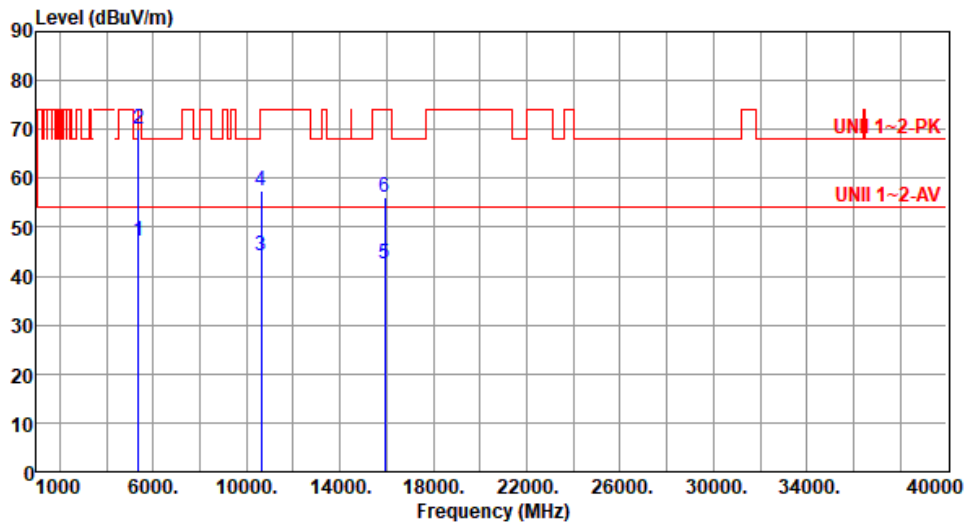
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	47.05	54.00	-6.95	47.23	-0.18	Average	100	62
2	5350.00	70.03	74.00	-3.97	70.21	-0.18	Peak	100	62
3	10620.00	44.10	54.00	-9.90	36.89	7.21	Average	106	180
4	10620.00	57.34	74.00	-16.66	50.13	7.21	Peak	106	180
5	15930.00	42.58	54.00	-11.42	38.44	4.14	Average	100	207
6	15930.00	56.27	74.00	-17.73	52.13	4.14	Peak	100	207

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

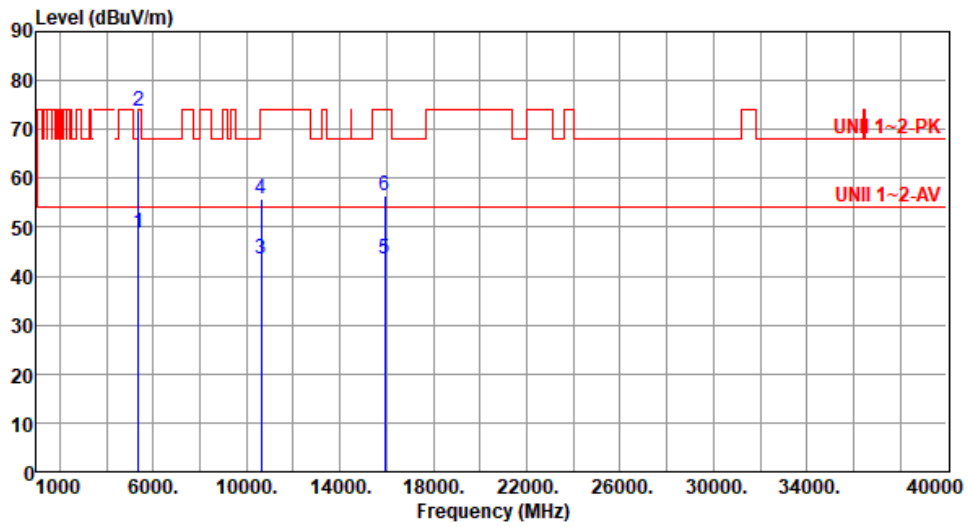
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	48.82	54.00	-5.18	49.00	-0.18	Average	100	3
2	5350.00	73.87	74.00	-0.13	74.05	-0.18	Peak	100	3
3	10620.00	43.63	54.00	-10.37	36.42	7.21	Average	100	222
4	10620.00	55.65	74.00	-18.35	48.44	7.21	Peak	100	222
5	15930.00	43.62	54.00	-10.38	39.48	4.14	Average	100	217
6	15930.00	56.36	74.00	-17.64	52.22	4.14	Peak	100	217

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

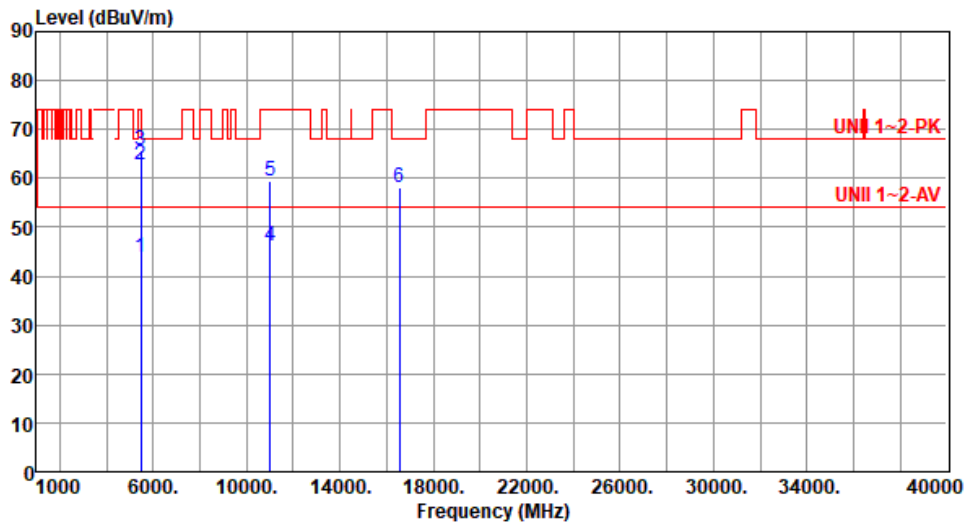
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	43.98	54.00	-10.02	43.90	0.08	Average	100	78
2	5460.00	62.73	74.00	-11.27	62.65	0.08	Peak	100	78
3	5470.00	65.77	68.20	-2.43	65.68	0.09	Peak	100	78
4	11020.00	46.32	54.00	-7.68	38.83	7.49	Average	155	223
5	11020.00	59.35	74.00	-14.65	51.86	7.49	Peak	155	223
6	16530.00	58.18	68.20	-10.02	52.13	6.05	Peak	100	178

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

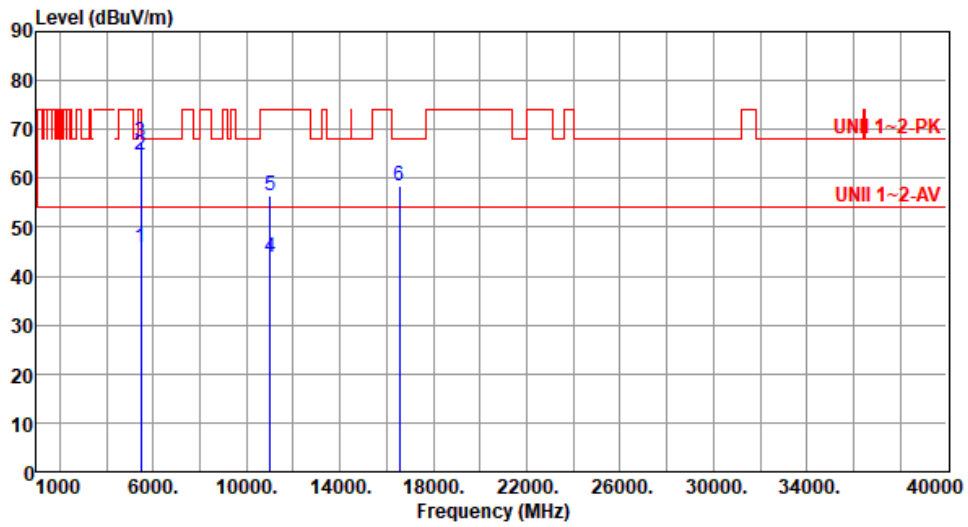
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	45.68	54.00	-8.32	45.60	0.08	Average	100	197
2	5460.00	64.61	74.00	-9.39	64.53	0.08	Peak	100	197
3	5470.00	67.42	68.20	-0.78	67.33	0.09	Peak	100	197
4	11020.00	43.97	54.00	-10.03	36.48	7.49	Average	100	284
5	11020.00	56.61	74.00	-17.39	49.12	7.49	Peak	100	284
6	16530.00	58.46	68.20	-9.74	52.41	6.05	Peak	100	222

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

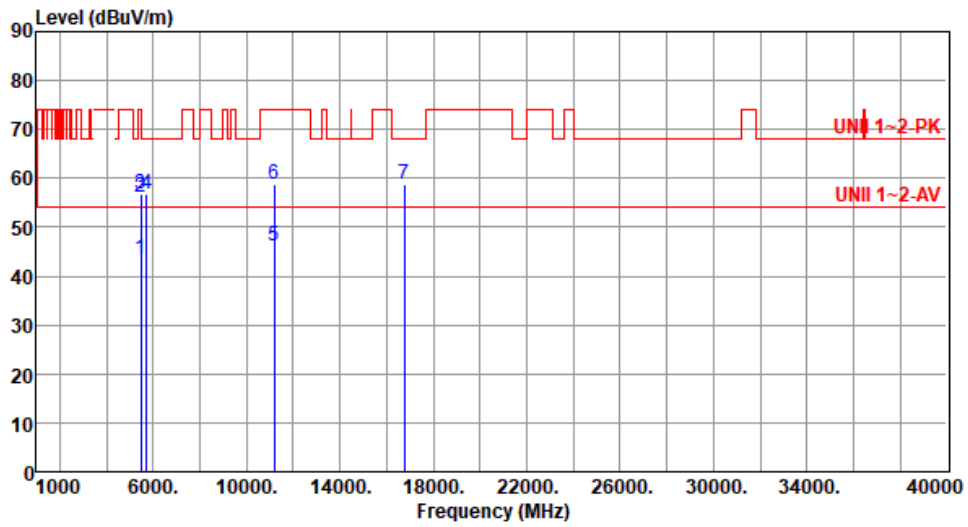
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	43.58	54.00	-10.42	43.50	0.08	Average	157	262
2	5460.00	56.20	74.00	-17.80	56.12	0.08	Peak	157	262
3	5470.00	56.95	68.20	-11.25	56.86	0.09	Peak	157	262
4	5725.00	56.87	68.20	-11.33	56.28	0.59	Peak	157	262
5	11180.00	46.03	54.00	-7.97	39.15	6.88	Average	159	220
6	11180.00	58.83	74.00	-15.17	51.95	6.88	Peak	159	220
7	16770.00	58.63	68.20	-9.57	52.12	6.51	Peak	100	176

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

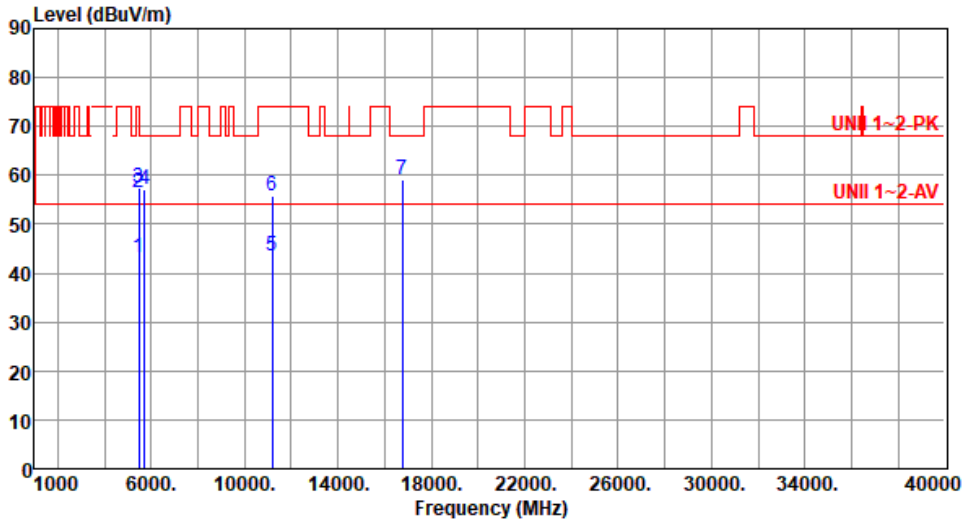
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	43.33	54.00	-10.67	43.25	0.08	Average	100	33
2	5460.00	56.45	74.00	-17.55	56.37	0.08	Peak	100	33
3	5470.00	57.42	68.20	-10.78	57.33	0.09	Peak	100	33
4	5725.00	57.07	68.20	-11.13	56.48	0.59	Peak	100	33
5	11180.00	43.43	54.00	-10.57	36.55	6.88	Average	100	286
6	11180.00	55.90	74.00	-18.10	49.02	6.88	Peak	100	286
7	16770.00	58.99	68.20	-9.21	52.48	6.51	Peak	100	165

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

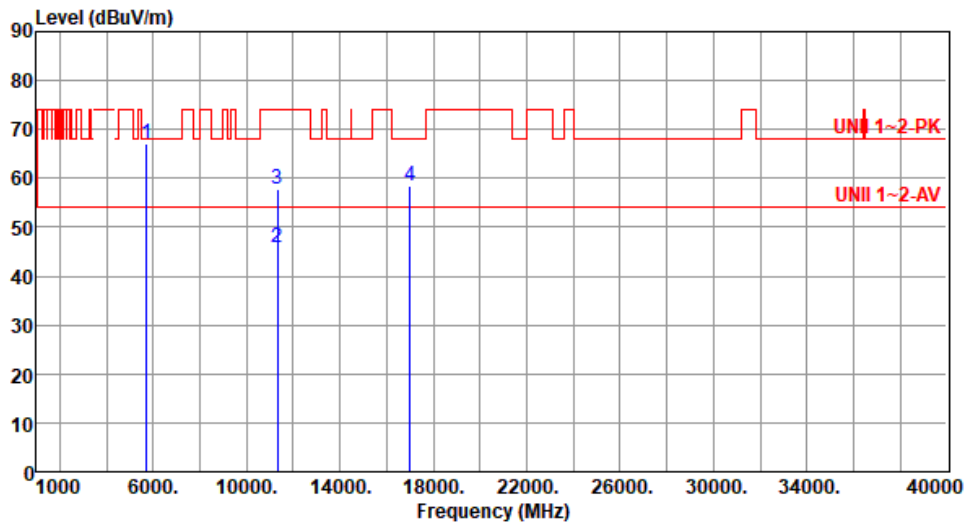
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	67.13	68.20	-1.07	66.54	0.59	Peak	163	236
2	11340.00	45.70	54.00	-8.30	38.76	6.94	Average	161	227
3	11340.00	57.83	74.00	-16.17	50.89	6.94	Peak	161	227
4	17010.00	58.61	68.20	-9.59	52.33	6.28	Peak	100	108

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

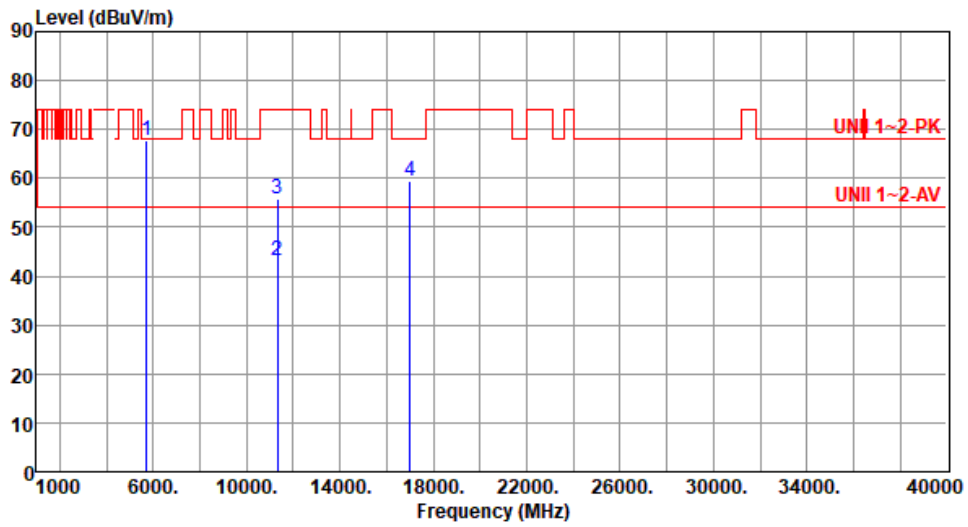
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	67.60	68.20	-0.60	67.01	0.59	Peak	100	188
2	11340.00	43.21	54.00	-10.79	36.27	6.94	Average	100	283
3	11340.00	55.80	74.00	-18.20	48.86	6.94	Peak	100	283
4	17010.00	59.40	68.20	-8.80	53.12	6.28	Peak	100	106

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

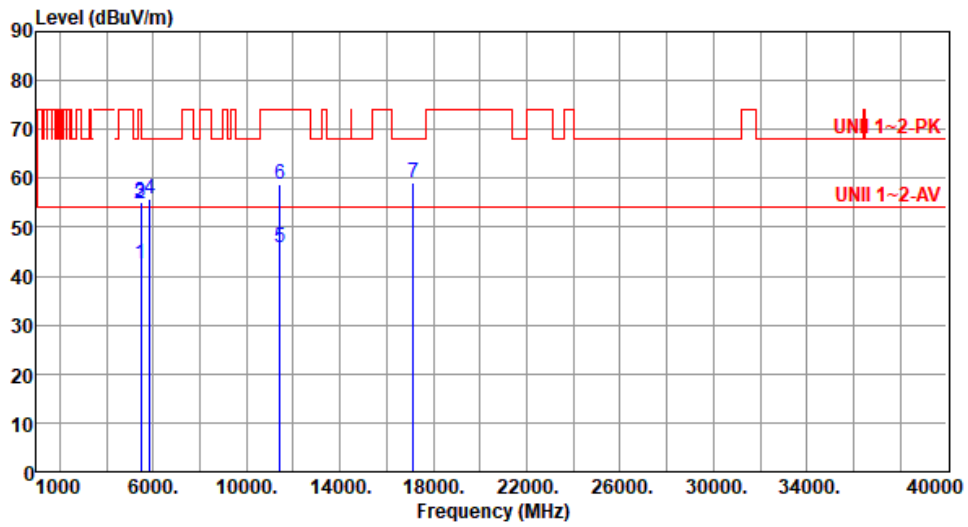
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	42.45	54.00	-11.55	42.37	0.08	Average	155	268
2	5460.00	54.63	74.00	-19.37	54.55	0.08	Peak	155	268
3	5470.00	54.98	68.20	-13.22	54.89	0.09	Peak	155	268
4	5850.00	55.65	68.20	-12.55	54.77	0.88	Peak	155	268
5	11420.00	45.83	54.00	-8.17	38.69	7.14	Average	161	220
6	11420.00	58.76	74.00	-15.24	51.62	7.14	Peak	161	220
7	17130.00	59.08	68.20	-9.12	53.05	6.03	Peak	100	213

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

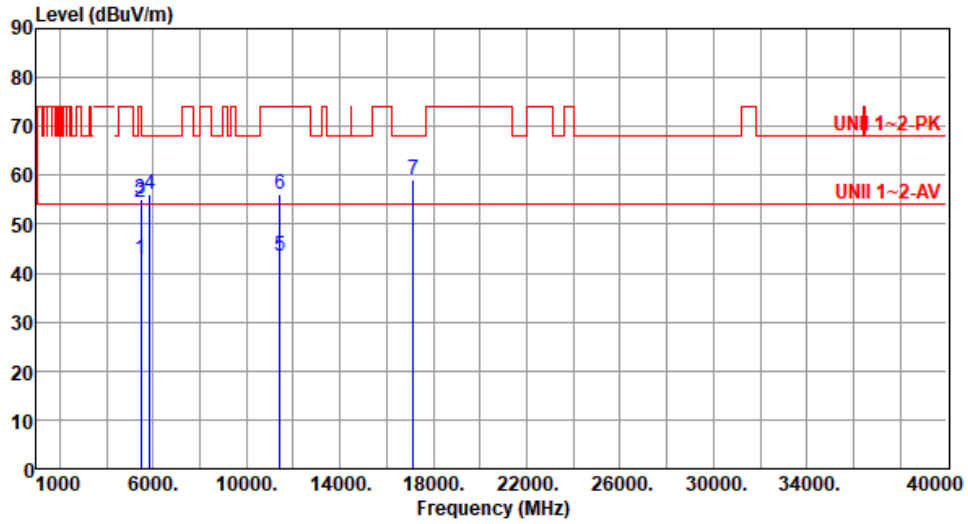
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	42.71	54.00	-11.29	42.63	0.08	Average	100	27
2	5460.00	54.54	74.00	-19.46	54.46	0.08	Peak	100	27
3	5470.00	55.22	68.20	-12.98	55.13	0.09	Peak	100	27
4	5850.00	56.14	68.20	-12.06	55.26	0.88	Peak	100	27
5	11420.00	43.51	54.00	-10.49	36.37	7.14	Average	100	288
6	11420.00	56.13	74.00	-17.87	48.99	7.14	Peak	100	288
7	17130.00	59.01	68.20	-9.19	52.98	6.03	Peak	100	186

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

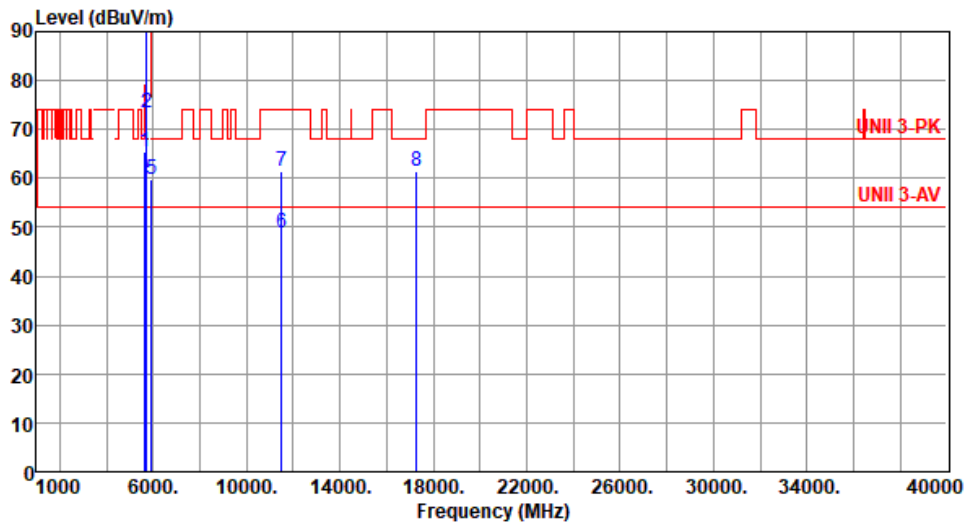
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	65.49	68.20	-2.71	65.25	0.24	Peak	158	237
2	5700.00	73.38	105.20	-31.82	72.91	0.47	Peak	158	237
3	5720.00	88.91	110.80	-21.89	88.34	0.57	Peak	158	237
4	5725.00	92.09	122.20	-30.11	91.50	0.59	Peak	158	237
5	5925.00	59.94	68.20	-8.26	58.75	1.19	Peak	158	237
6	11510.00	48.92	54.00	-5.08	41.68	7.24	Average	100	224
7	11510.00	61.49	74.00	-12.51	54.25	7.24	Peak	100	224
8	17265.00	61.45	68.20	-6.75	55.38	6.07	Peak	138	253

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

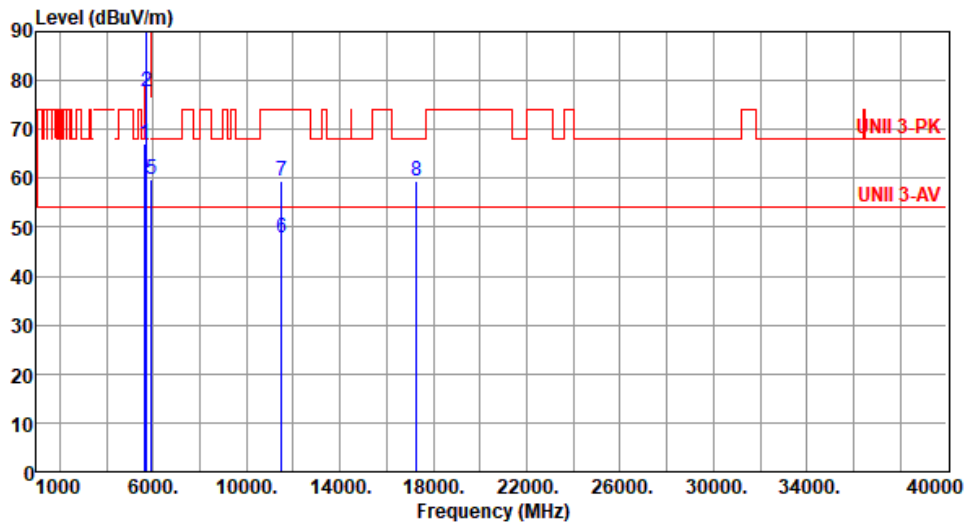
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	67.12	68.20	-1.08	66.88	0.24	Peak	100	167
2	5700.00	77.66	105.20	-27.54	77.19	0.47	Peak	100	167
3	5720.00	91.32	110.80	-19.48	90.75	0.57	Peak	100	167
4	5725.00	97.53	122.20	-24.67	96.94	0.59	Peak	100	167
5	5925.00	59.71	68.20	-8.49	58.52	1.19	Peak	100	167
6	11510.00	47.90	54.00	-6.10	40.66	7.24	Average	107	284
7	11510.00	59.32	74.00	-14.68	52.08	7.24	Peak	107	284
8	17265.00	59.50	68.20	-8.70	53.43	6.07	Peak	100	117

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

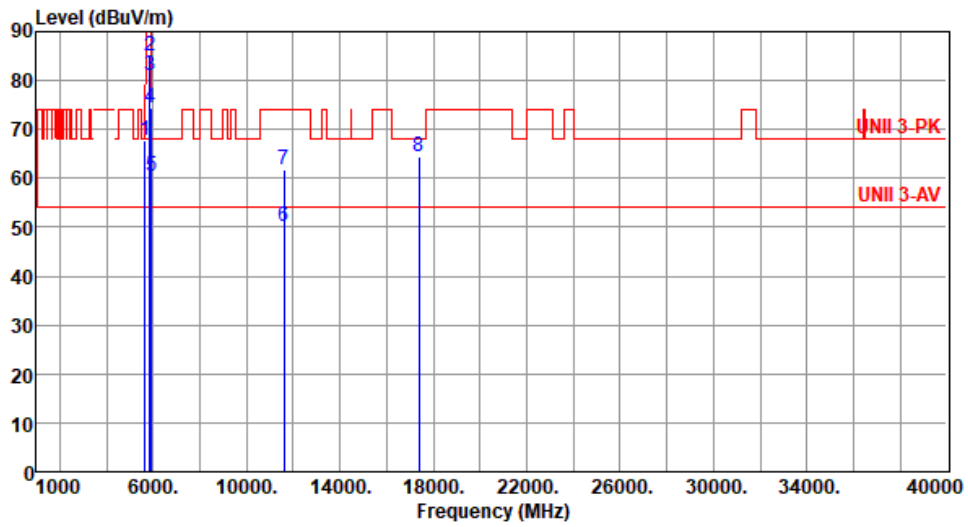
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	67.60	68.20	-0.60	67.36	0.24	Peak	174	244
2	5850.00	84.98	122.20	-37.22	84.10	0.88	Peak	174	244
3	5855.00	81.14	110.80	-29.66	80.23	0.91	Peak	174	244
4	5875.00	74.26	105.20	-30.94	73.26	1.00	Peak	174	244
5	5925.00	60.41	68.20	-7.79	59.22	1.19	Peak	174	244
6	11590.00	49.98	54.00	-4.02	43.02	6.96	Average	100	227
7	11590.00	61.73	74.00	-12.27	54.77	6.96	Peak	100	227
8	17385.00	64.48	68.20	-3.72	58.14	6.34	Peak	134	252

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

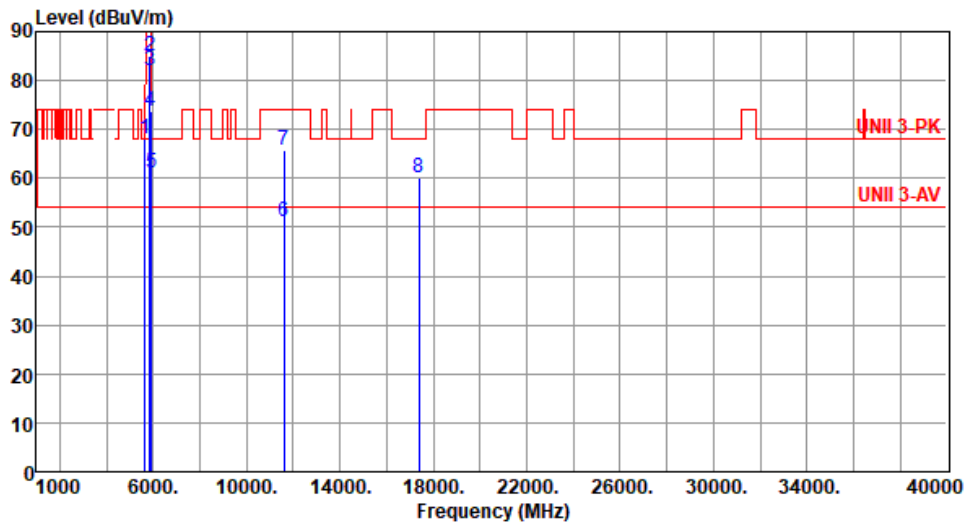
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	68.09	68.20	-0.11	67.85	0.24	Peak	100	190
2	5850.00	85.08	122.20	-37.12	84.20	0.88	Peak	100	190
3	5855.00	81.97	110.80	-28.83	81.06	0.91	Peak	100	190
4	5875.00	73.64	105.20	-31.56	72.64	1.00	Peak	100	190
5	5925.00	61.14	68.20	-7.06	59.95	1.19	Peak	100	190
6	11590.00	51.13	54.00	-2.87	44.17	6.96	Average	110	287
7	11590.00	65.61	74.00	-8.39	58.65	6.96	Peak	110	287
8	17385.00	59.95	68.20	-8.25	53.61	6.34	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).



Unwanted Emissions (Above 1GHz) for ax HE80

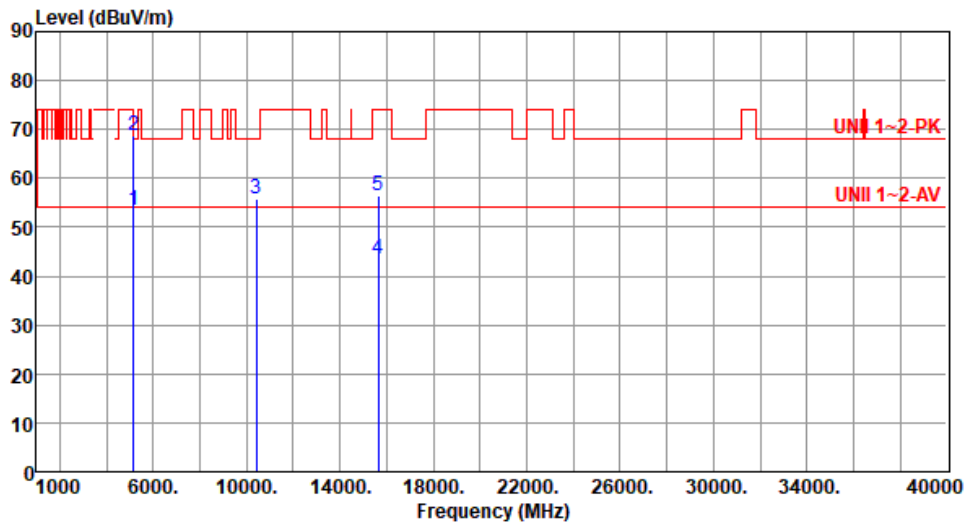
Modulation	ax HE80	Test Freq. (MHz)	5210						
Polarization	Horizontal								
<p>Test By :Brad Wu Temperature(°C):25 Humidity(%):62</p>									
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	52.58	54.00	-1.42	52.34	0.24	Average	169	27
2	5150.00	68.00	74.00	-6.00	67.76	0.24	Peak	169	27
3	10420.00	56.97	68.20	-11.23	49.77	7.20	Peak	150	254
4	15630.00	43.47	54.00	-10.53	39.54	3.93	Average	100	178
5	15630.00	57.16	74.00	-16.84	53.23	3.93	Peak	100	178

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	Test Freq. (MHz)	5210
Polarization	Vertical		

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	53.33	54.00	-0.67	53.09	0.24	Average	100	215
2	5150.00	68.76	74.00	-5.24	68.52	0.24	Peak	100	215
3	10420.00	55.85	68.20	-12.35	48.65	7.20	Peak	100	213
4	15630.00	43.42	54.00	-10.58	39.49	3.93	Average	100	177
5	15630.00	56.60	74.00	-17.40	52.67	3.93	Peak	100	177

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

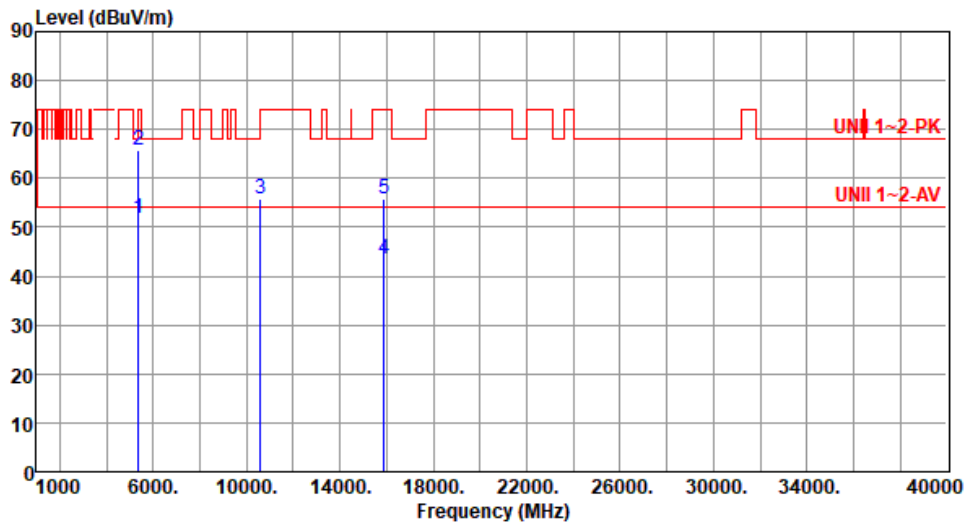
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	51.71	54.00	-2.29	51.89	-0.18	Average	158	77
2	5350.00	65.89	74.00	-8.11	66.07	-0.18	Peak	158	77
3	10580.00	55.67	68.20	-12.53	48.43	7.24	Peak	100	176
4	15870.00	43.34	54.00	-10.66	39.23	4.11	Average	100	203
5	15870.00	55.76	74.00	-18.24	51.65	4.11	Peak	100	203

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

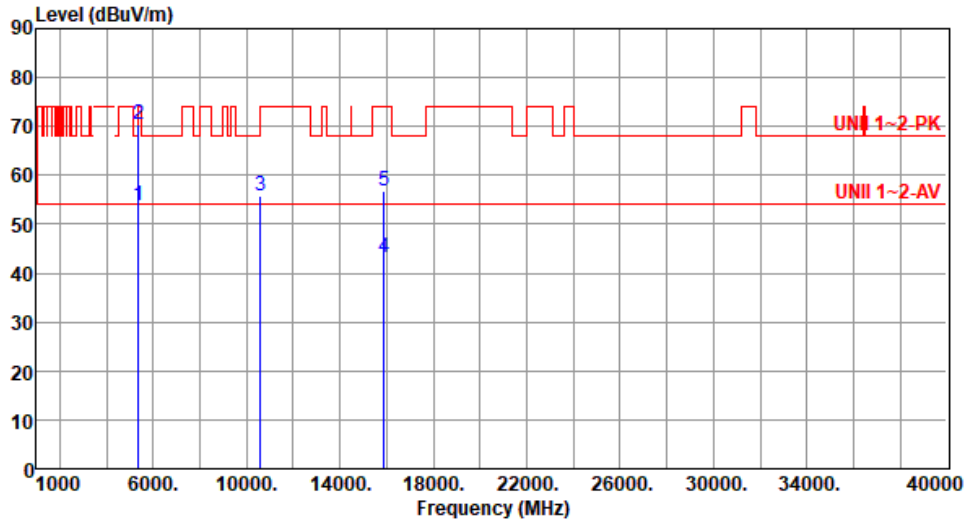
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	53.88	54.00	-0.12	54.06	-0.18	Average	111	191
2	5350.00	70.40	74.00	-3.60	70.58	-0.18	Peak	111	191
3	10580.00	55.70	68.20	-12.50	48.46	7.24	Peak	100	231
4	15870.00	43.27	54.00	-10.73	39.16	4.11	Average	100	261
5	15870.00	56.67	74.00	-17.33	52.56	4.11	Peak	100	261

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

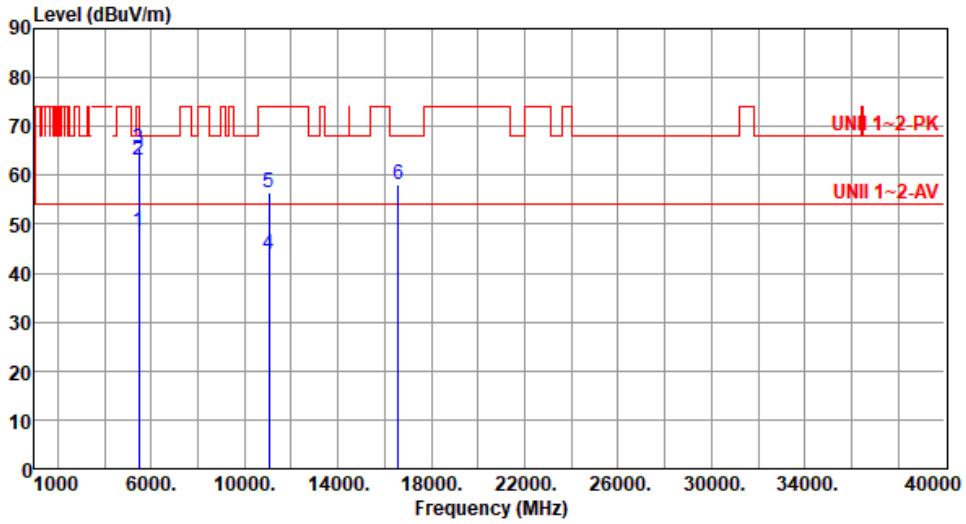
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	48.40	54.00	-5.60	48.32	0.08	Average	139	86
2	5460.00	63.21	74.00	-10.79	63.13	0.08	Peak	139	86
3	5470.00	65.30	68.20	-2.90	65.21	0.09	Peak	139	86
4	11060.00	43.88	54.00	-10.12	36.48	7.40	Average	100	220
5	11060.00	56.56	74.00	-17.44	49.16	7.40	Peak	100	220
6	16590.00	58.25	68.20	-9.95	52.23	6.02	Peak	100	178

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

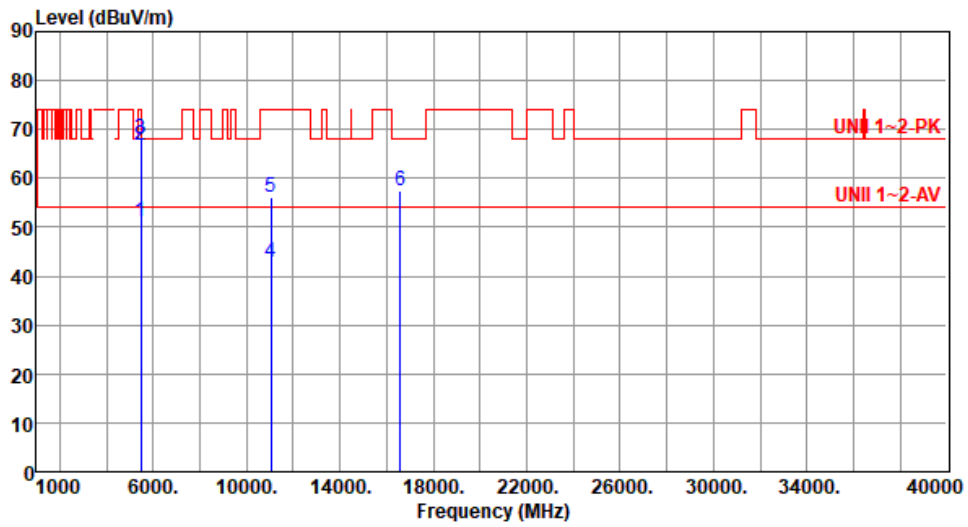
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	51.10	54.00	-2.90	51.02	0.08	Average	100	187
2	5460.00	66.90	74.00	-7.10	66.82	0.08	Peak	100	187
3	5470.00	68.04	68.20	-0.16	67.95	0.09	Peak	100	187
4	11060.00	42.98	54.00	-11.02	35.58	7.40	Average	100	271
5	11060.00	56.02	74.00	-17.98	48.62	7.40	Peak	100	271
6	16590.00	57.49	68.20	-10.71	51.47	6.02	Peak	100	221

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

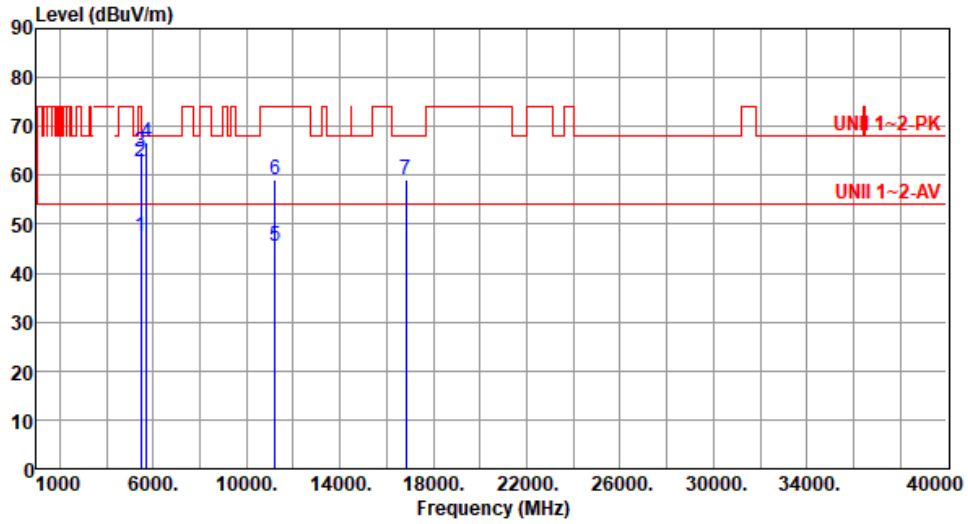
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	47.62	54.00	-6.38	47.54	0.08	Average	174	20
2	5460.00	62.92	74.00	-11.08	62.84	0.08	Peak	174	20
3	5470.00	64.90	68.20	-3.30	64.81	0.09	Peak	174	20
4	5725.00	66.83	68.20	-1.37	66.24	0.59	Peak	174	20
5	11220.00	45.41	54.00	-8.59	38.62	6.79	Average	148	223
6	11220.00	59.05	74.00	-14.95	52.26	6.79	Peak	148	223
7	16830.00	59.07	68.20	-9.13	52.38	6.69	Peak	100	176

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

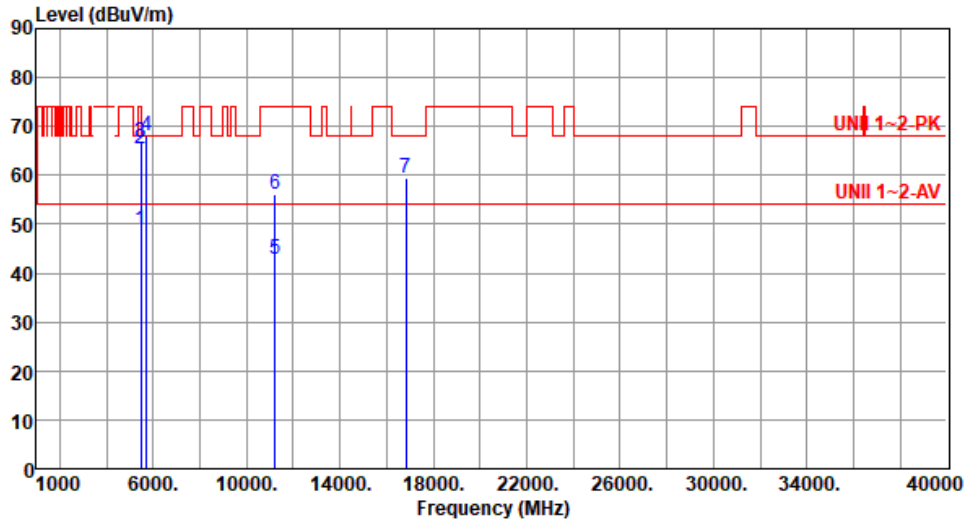
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	48.75	54.00	-5.25	48.67	0.08	Average	100	146
2	5460.00	65.47	74.00	-8.53	65.39	0.08	Peak	100	146
3	5470.00	66.90	68.20	-1.30	66.81	0.09	Peak	100	146
4	5725.00	68.01	68.20	-0.19	67.42	0.59	Peak	100	146
5	11220.00	42.95	54.00	-11.05	36.16	6.79	Average	100	279
6	11220.00	56.05	74.00	-17.95	49.26	6.79	Peak	100	279
7	16830.00	59.33	68.20	-8.87	52.64	6.69	Peak	100	117

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

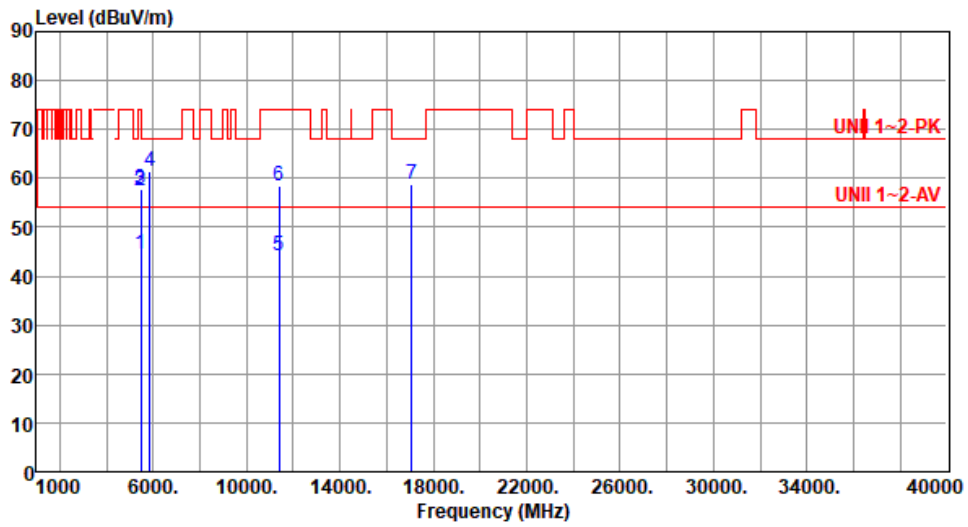
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	44.62	54.00	-9.38	44.54	0.08	Average	164	248
2	5460.00	57.33	74.00	-16.67	57.25	0.08	Peak	164	248
3	5470.00	57.83	68.20	-10.37	57.74	0.09	Peak	164	248
4	5850.00	61.44	68.20	-6.76	60.56	0.88	Peak	164	248
5	11380.00	44.31	54.00	-9.69	37.26	7.05	Average	176	266
6	11380.00	58.50	74.00	-15.50	51.45	7.05	Peak	176	266
7	17070.00	58.74	68.20	-9.46	52.67	6.07	Peak	100	177

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

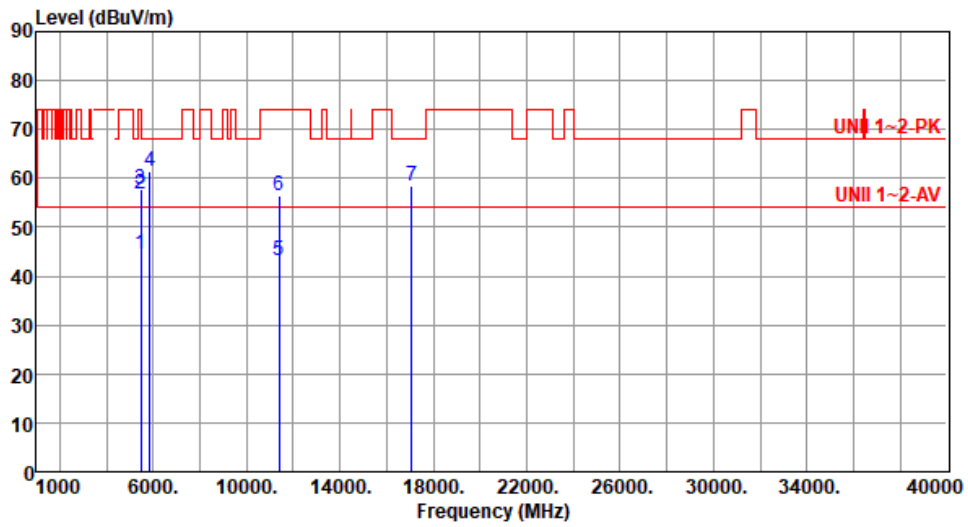
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	44.50	54.00	-9.50	44.42	0.08	Average	100	157
2	5460.00	56.94	74.00	-17.06	56.86	0.08	Peak	100	157
3	5470.00	57.63	68.20	-10.57	57.54	0.09	Peak	100	157
4	5850.00	61.34	68.20	-6.86	60.46	0.88	Peak	100	157
5	11380.00	43.23	54.00	-10.77	36.18	7.05	Average	100	281
6	11380.00	56.31	74.00	-17.69	49.26	7.05	Peak	100	281
7	17070.00	58.41	68.20	-9.79	52.34	6.07	Peak	100	106

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

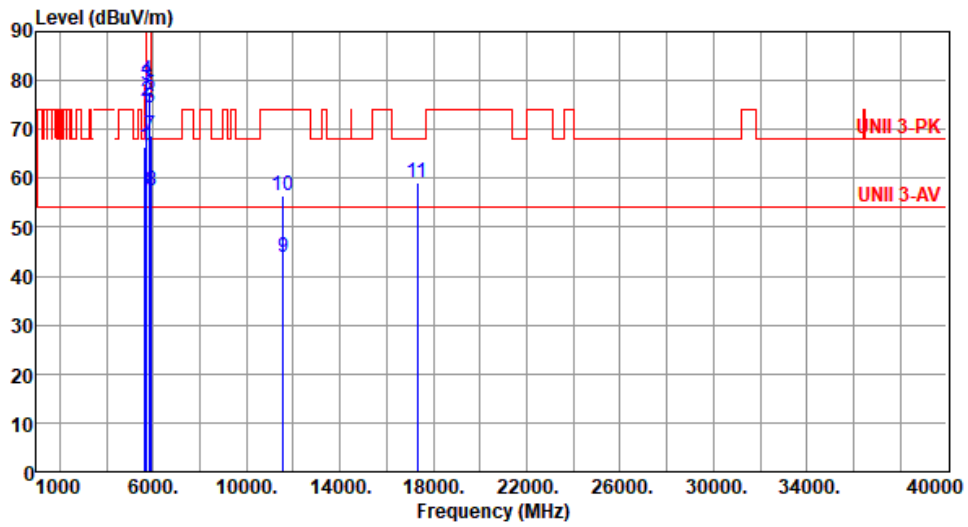
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	66.46	68.20	-1.74	66.22	0.24	Peak	146	17
2	5700.00	75.73	105.20	-29.47	75.26	0.47	Peak	146	17
3	5720.00	79.12	110.80	-31.68	78.55	0.57	Peak	146	17
4	5725.00	80.07	122.20	-42.13	79.48	0.59	Peak	146	17
5	5850.00	77.09	122.20	-45.11	76.21	0.88	Peak	146	17
6	5855.00	74.24	110.80	-36.56	73.33	0.91	Peak	146	17
7	5875.00	68.76	105.20	-36.44	67.76	1.00	Peak	146	17
8	5925.00	57.55	68.20	-10.65	56.36	1.19	Peak	146	17
9	11550.00	43.91	54.00	-10.09	36.81	7.10	Average	100	178
10	11550.00	56.58	74.00	-17.42	49.48	7.10	Peak	100	178
11	17325.00	58.97	68.20	-9.23	52.85	6.12	Peak	100	204

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

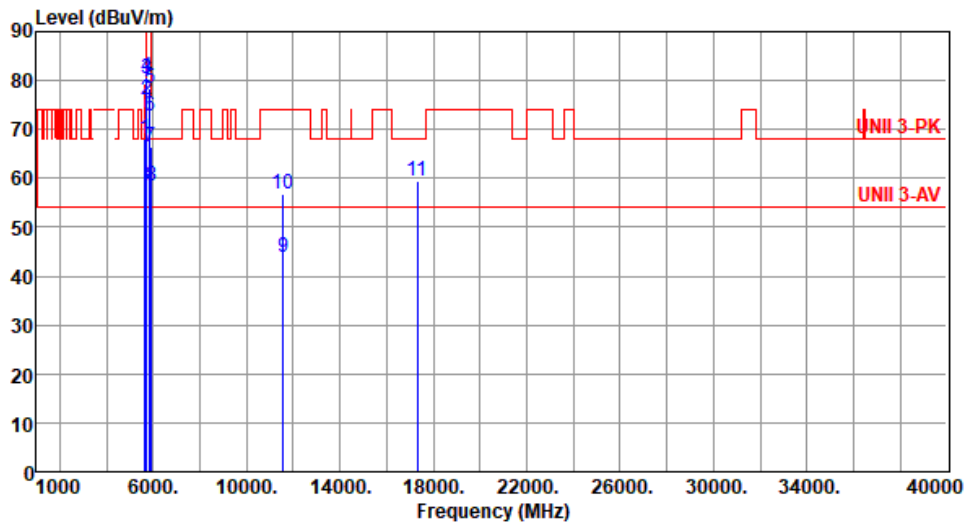
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):25 Humidity(%):62



	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	68.09	68.20	-0.11	67.85	0.24	Peak	100	157
2	5700.00	76.10	105.20	-29.10	75.63	0.47	Peak	100	157
3	5720.00	80.23	110.80	-30.57	79.66	0.57	Peak	100	157
4	5725.00	80.74	122.20	-41.46	80.15	0.59	Peak	100	157
5	5850.00	78.32	122.20	-43.88	77.44	0.88	Peak	100	157
6	5855.00	72.61	110.80	-38.19	71.70	0.91	Peak	100	157
7	5875.00	66.55	105.20	-38.65	65.55	1.00	Peak	100	157
8	5925.00	58.46	68.20	-9.74	57.27	1.19	Peak	100	157
9	11550.00	43.72	54.00	-10.28	36.62	7.10	Average	100	167
10	11550.00	56.74	74.00	-17.26	49.64	7.10	Peak	100	167
11	17325.00	59.33	68.20	-8.87	53.21	6.12	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).

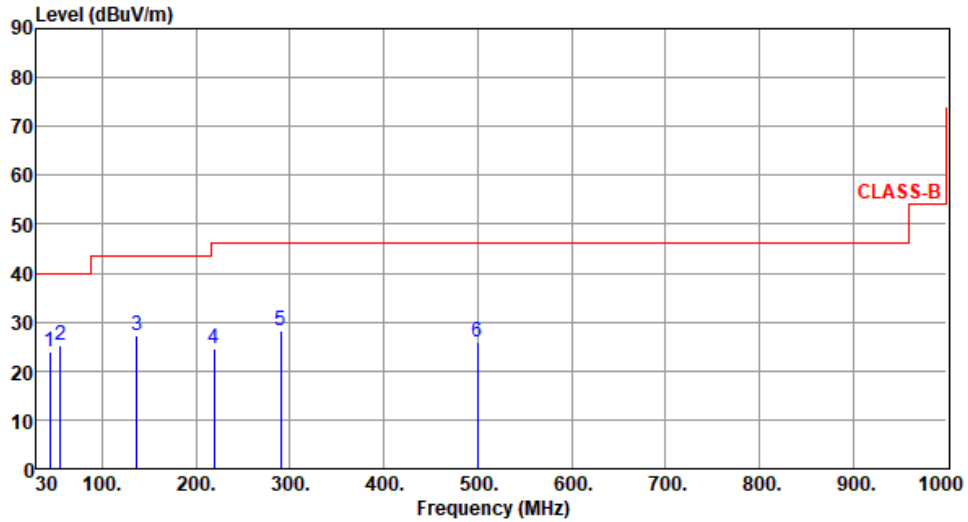


Beamforming mode

Unwanted Emissions (Below 1GHz)

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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	44.23	23.78	40.00	-16.22	32.11	-8.33	Peak	---	---
2	55.49	25.14	40.00	-14.86	33.31	-8.17	Peak	---	---
3	136.45	27.28	43.50	-16.22	36.95	-9.67	Peak	---	---
4	218.84	24.47	46.00	-21.53	36.37	-11.90	Peak	---	---
5	289.96	28.13	46.00	-17.87	36.49	-8.36	Peak	---	---
6	500.18	25.83	46.00	-20.17	29.03	-3.20	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

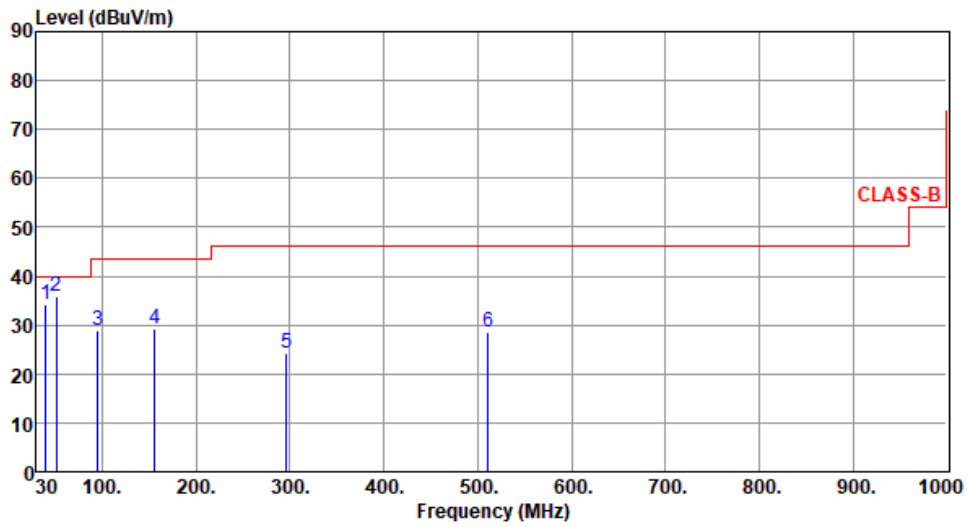
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	39.55	34.27	40.00	-5.73	43.11	-8.84	Peak	---	---
2	51.27	35.75	40.00	-4.25	43.54	-7.79	Peak	---	---
3	95.33	28.79	43.50	-14.71	42.66	-13.87	Peak	---	---
4	155.52	29.26	43.50	-14.24	37.93	-8.67	Peak	---	---
5	296.65	24.38	46.00	-21.62	32.65	-8.27	Peak	---	---
6	511.18	28.56	46.00	-17.44	31.42	-2.86	Peak	---	---

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

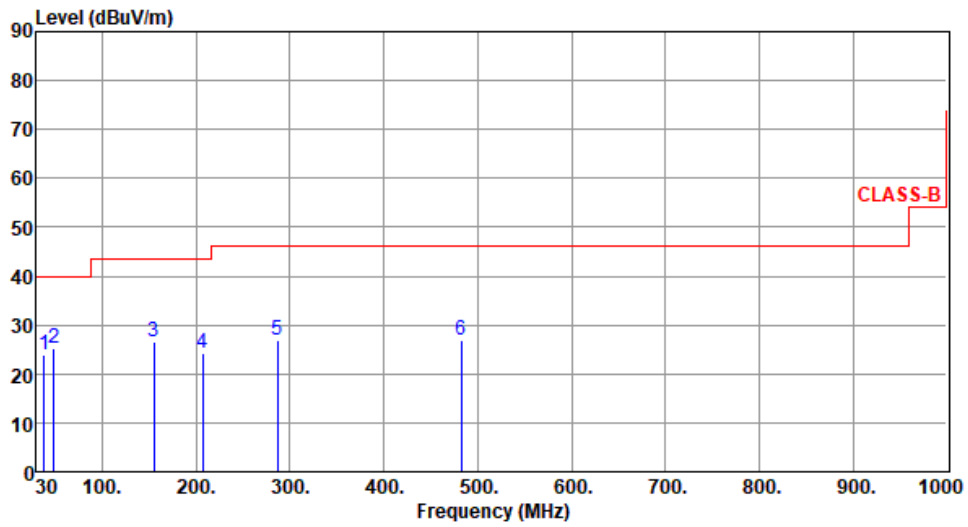
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	38.42	23.88	40.00	-16.12	32.85	-8.97	Peak	---	---
2	48.63	25.19	40.00	-14.81	32.96	-7.77	Peak	---	---
3	155.27	26.68	43.50	-16.82	35.33	-8.65	Peak	---	---
4	206.71	24.19	43.50	-19.31	36.12	-11.93	Peak	---	---
5	286.64	26.89	46.00	-19.11	35.27	-8.38	Peak	---	---
6	482.55	26.85	46.00	-19.15	30.38	-3.53	Peak	---	---

Note 1: Emission Level (dBUV/m) = SA Reading (dBUV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

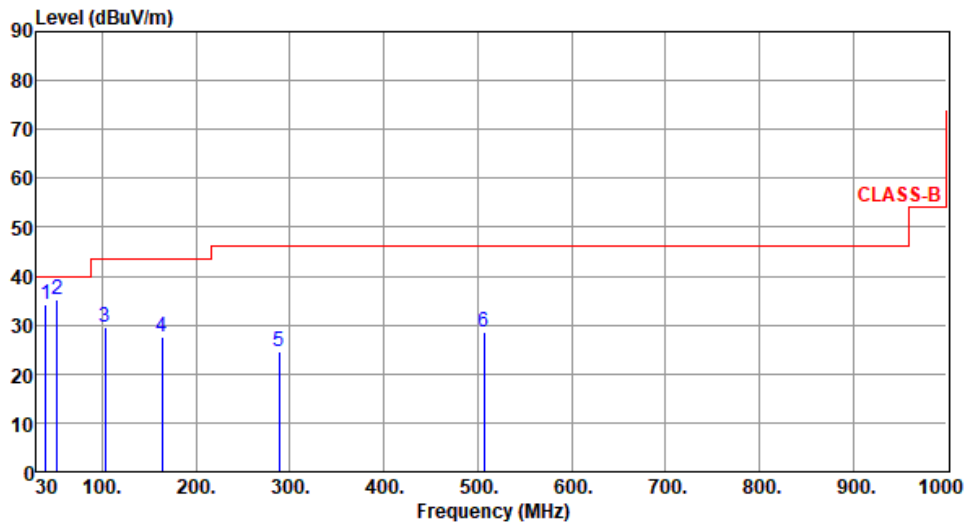
Note 2: Margin (dB) = Emission level (dBUV/m) – Limit (dBUV/m).

Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



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

Test By :Paul Lin Temperature(°C):25 Humidity(%):64



	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	39.45	34.12	40.00	-5.88	42.97	-8.85	Peak	---	---
2	51.79	35.29	40.00	-4.71	43.13	-7.84	Peak	---	---
3	103.43	29.51	43.50	-13.99	42.29	-12.78	Peak	---	---
4	163.38	27.56	43.50	-15.94	36.49	-8.93	Peak	---	---
5	288.35	24.48	46.00	-21.52	32.85	-8.37	Peak	---	---
6	507.19	28.44	46.00	-17.56	31.39	-2.95	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).

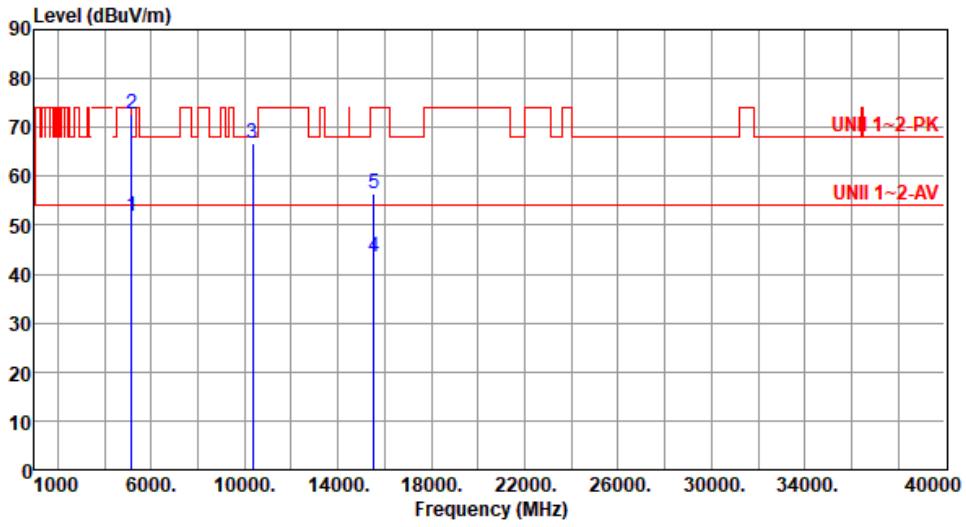
Note 3: All spurious emissions below 30MHz are more than 20 dB below the limit.



Unwanted Emissions (Above 1GHz) for ax HE20

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

Test By :Brad Wu Temperature(°C):23 Humidity(%):66



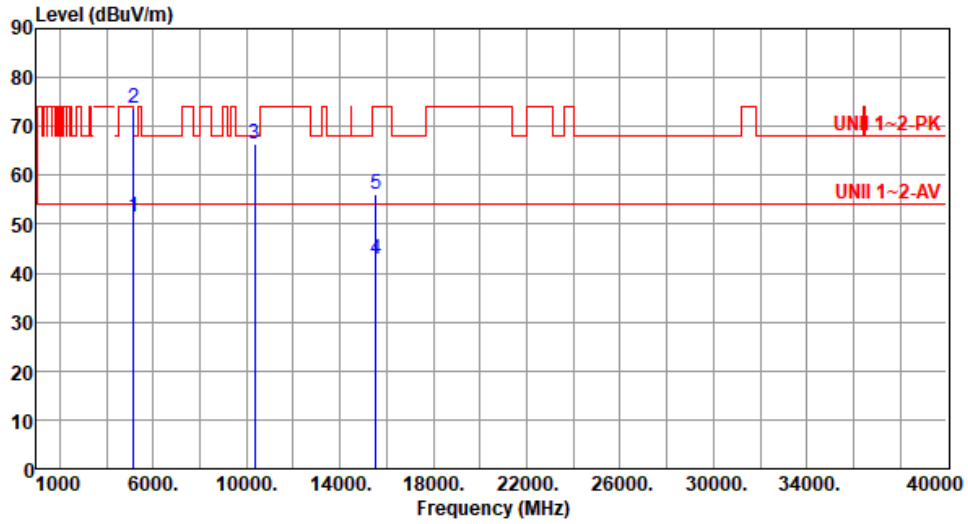
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.91	54.00	-2.09	51.67	0.24	Average	151	83
2	5150.00	72.89	74.00	-1.11	72.65	0.24	Peak	151	83
3	10360.00	66.61	68.20	-1.59	59.52	7.09	Peak	112	185
4	15540.00	43.45	54.00	-10.55	39.30	4.15	Average	100	91
5	15540.00	56.42	74.00	-17.58	52.27	4.15	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 HE20	Test Freq. (MHz)	5180
Polarization	Vertical		

Test By :Brad Wu Temperature(°C):23 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	51.48	54.00	-2.52	51.24	0.24	Average	150	77
2	5150.00	73.64	74.00	-0.36	73.40	0.24	Peak	150	77
3	10360.00	66.32	68.20	-1.88	59.23	7.09	Peak	210	242
4	15540.00	42.95	54.00	-11.05	38.80	4.15	Average	100	49
5	15540.00	56.06	74.00	-17.94	51.91	4.15	Peak	100	49

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

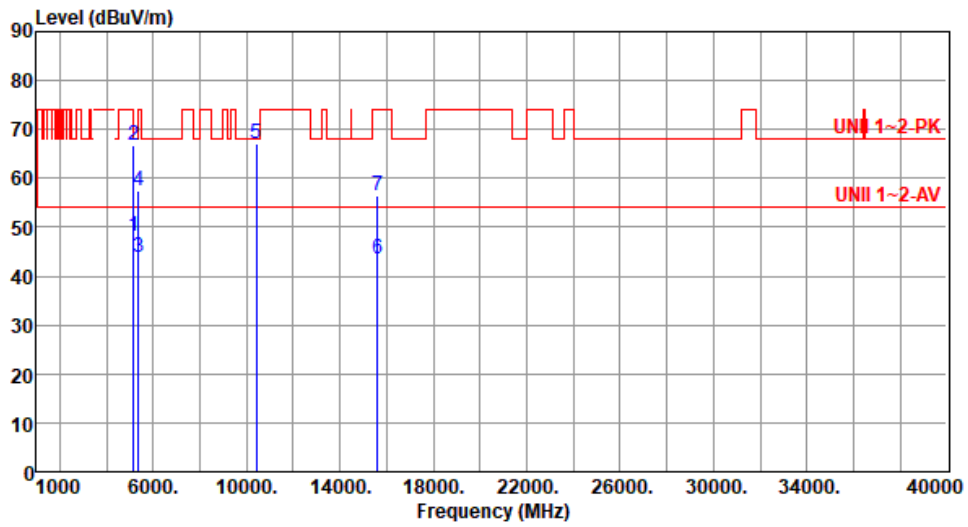
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	48.19	54.00	-5.81	47.95	0.24	Average	188	78
2	5150.00	66.86	74.00	-7.14	66.62	0.24	Peak	188	78
3	5350.00	43.84	54.00	-10.16	44.02	-0.18	Average	188	78
4	5350.00	57.45	74.00	-16.55	57.63	-0.18	Peak	188	78
5	10400.00	67.08	68.20	-1.12	59.89	7.19	Peak	114	188
6	15600.00	43.39	54.00	-10.61	39.44	3.95	Average	100	48
7	15600.00	56.38	74.00	-17.62	52.43	3.95	Peak	100	48

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

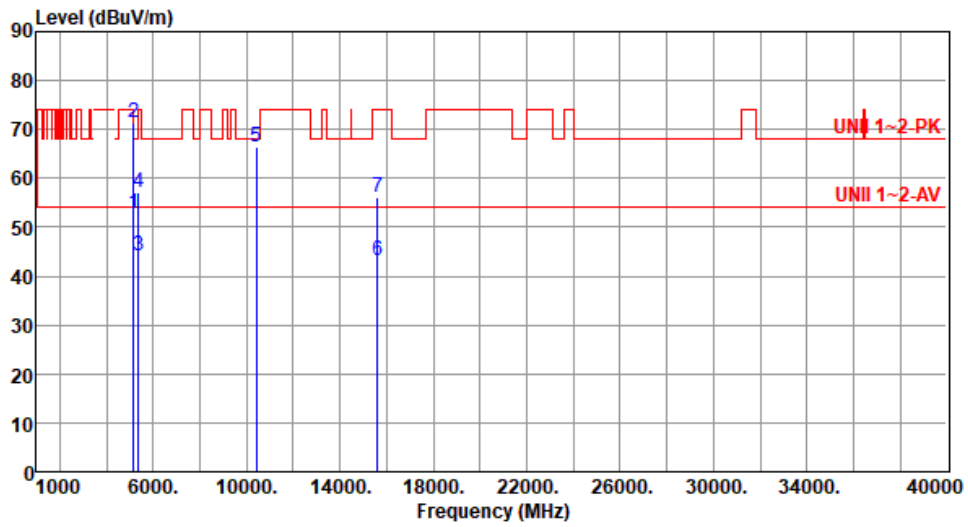
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	52.78	54.00	-1.22	52.54	0.24	Average	267	235
2	5150.00	71.32	74.00	-2.68	71.08	0.24	Peak	267	235
3	5350.00	44.17	54.00	-9.83	44.35	-0.18	Average	267	235
4	5350.00	56.97	74.00	-17.03	57.15	-0.18	Peak	267	235
5	10400.00	66.40	68.20	-1.80	59.21	7.19	Peak	205	244
6	15600.00	43.07	54.00	-10.93	39.12	3.95	Average	100	45
7	15600.00	56.20	74.00	-17.80	52.25	3.95	Peak	100	45

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

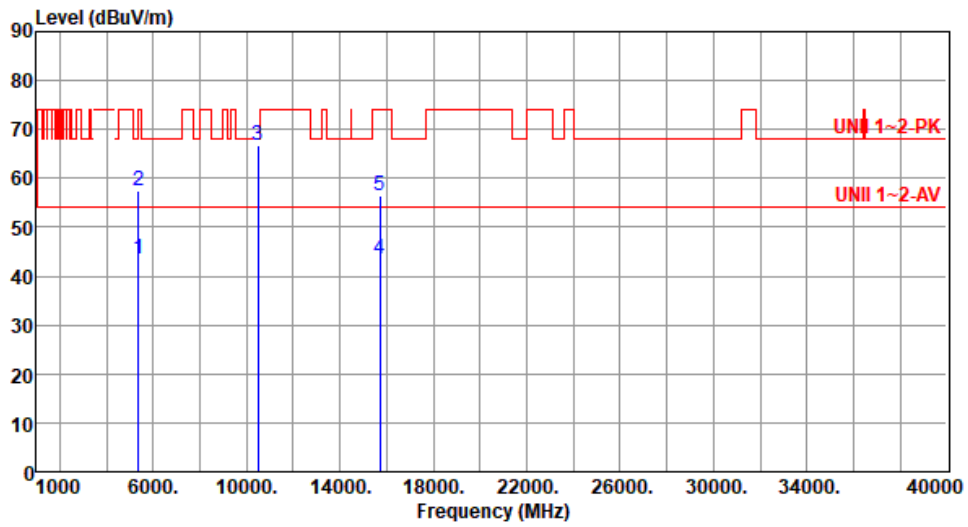
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.67	54.00	-10.33	43.85	-0.18	Average	189	77
2	5350.00	57.38	74.00	-16.62	57.56	-0.18	Peak	189	77
3	10480.00	66.64	68.20	-1.56	59.40	7.24	Peak	120	186
4	15720.00	43.49	54.00	-10.51	39.56	3.93	Average	100	47
5	15720.00	56.52	74.00	-17.48	52.59	3.93	Peak	100	47

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

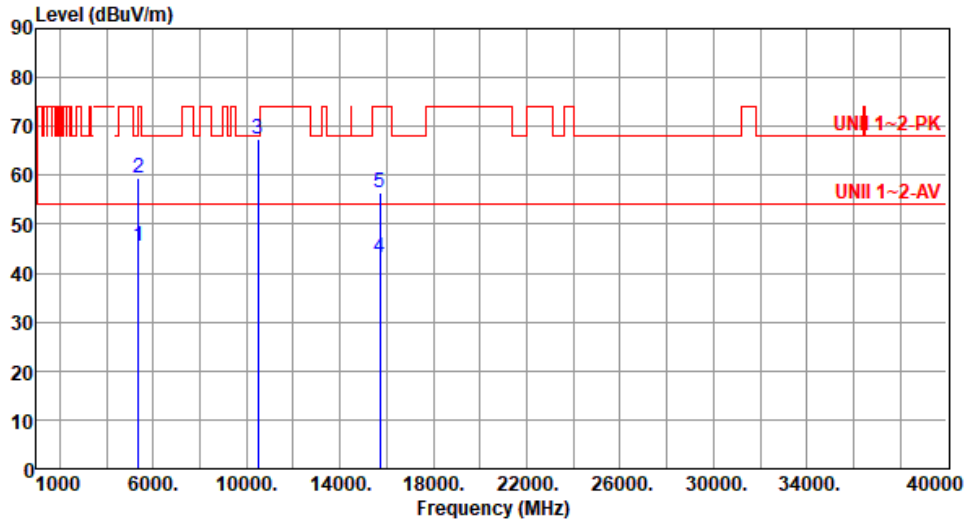
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	45.39	54.00	-8.61	45.57	-0.18	Average	100	223
2	5350.00	59.32	74.00	-14.68	59.50	-0.18	Peak	100	223
3	10480.00	67.42	68.20	-0.78	60.18	7.24	Peak	200	238
4	15720.00	43.26	54.00	-10.74	39.33	3.93	Average	100	128
5	15720.00	56.31	74.00	-17.69	52.38	3.93	Peak	100	128

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

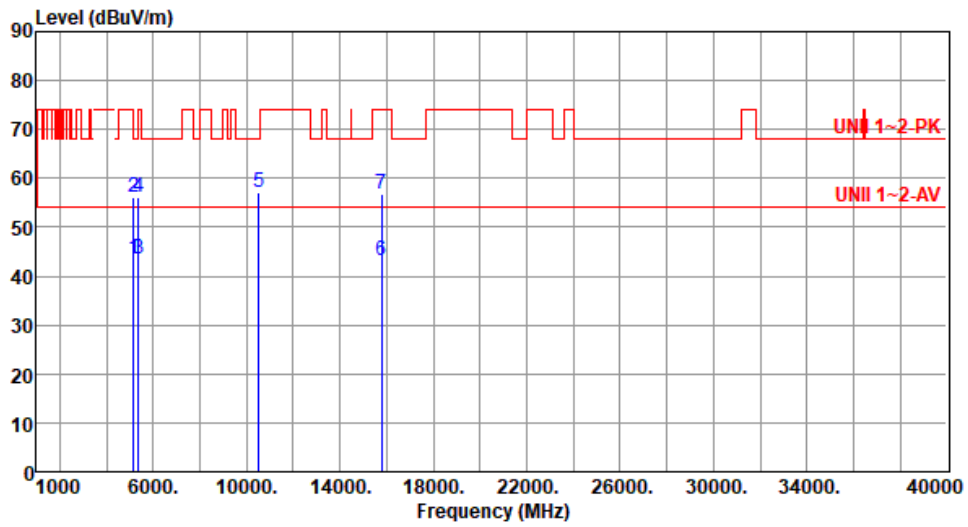
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.58	54.00	-10.42	43.34	0.24	Average	147	108
2	5150.00	56.19	74.00	-17.81	55.95	0.24	Peak	147	108
3	5350.00	43.55	54.00	-10.45	43.73	-0.18	Average	147	108
4	5350.00	56.28	74.00	-17.72	56.46	-0.18	Peak	147	108
5	10520.00	57.16	68.20	-11.04	49.90	7.26	Peak	100	198
6	15780.00	43.14	54.00	-10.86	39.17	3.97	Average	100	161
7	15780.00	56.78	74.00	-17.22	52.81	3.97	Peak	100	161

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

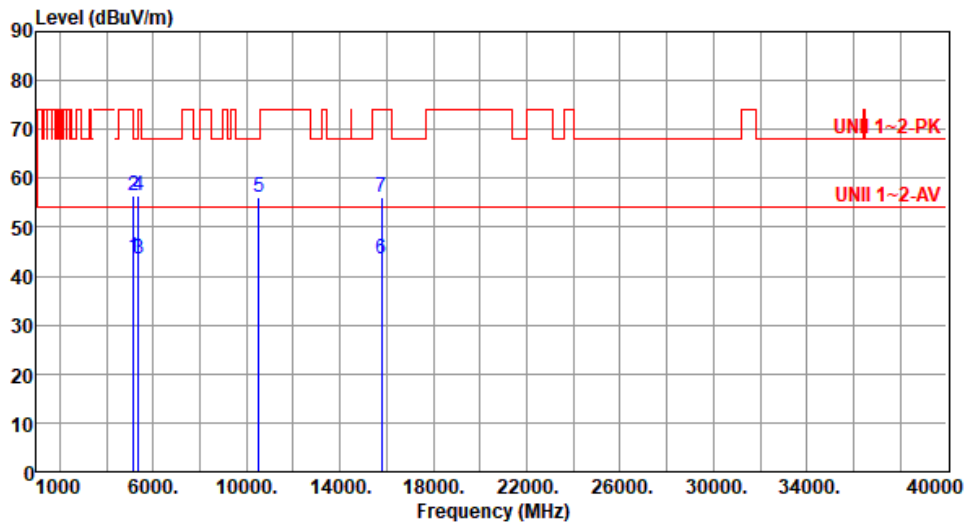
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.78	54.00	-10.22	43.54	0.24	Average	100	19
2	5150.00	56.41	74.00	-17.59	56.17	0.24	Peak	100	19
3	5350.00	43.63	54.00	-10.37	43.81	-0.18	Average	100	19
4	5350.00	56.33	74.00	-17.67	56.51	-0.18	Peak	100	19
5	10520.00	56.14	68.20	-12.06	48.88	7.26	Peak	100	211
6	15780.00	43.36	54.00	-10.64	39.39	3.97	Average	100	91
7	15780.00	56.18	74.00	-17.82	52.21	3.97	Peak	100	91

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

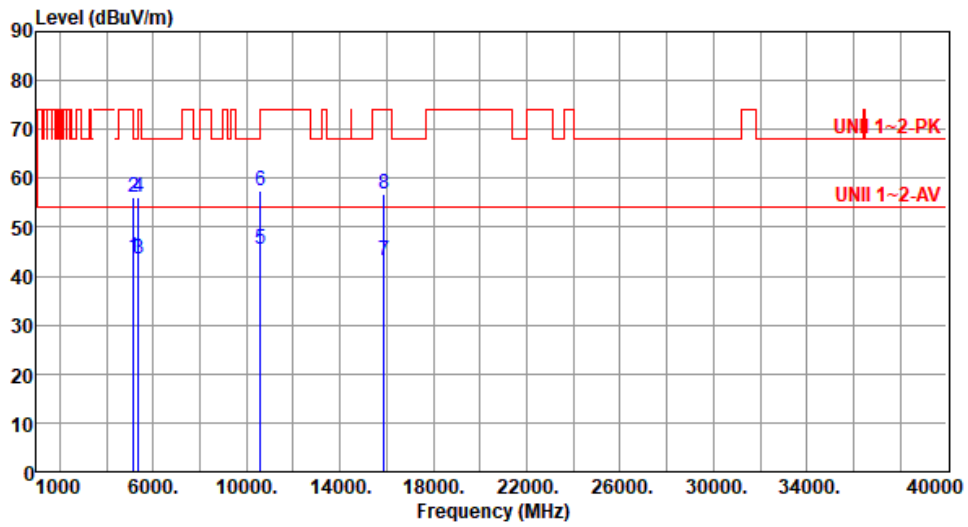
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.79	54.00	-10.21	43.55	0.24	Average	146	107
2	5150.00	56.24	74.00	-17.76	56.00	0.24	Peak	146	107
3	5350.00	43.48	54.00	-10.52	43.66	-0.18	Average	146	107
4	5350.00	56.19	74.00	-17.81	56.37	-0.18	Peak	146	107
5	10600.00	45.62	54.00	-8.38	38.38	7.24	Average	104	189
6	10600.00	57.36	74.00	-16.64	50.12	7.24	Peak	104	189
7	15900.00	43.22	54.00	-10.78	39.07	4.15	Average	100	245
8	15900.00	56.85	74.00	-17.15	52.70	4.15	Peak	100	245

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

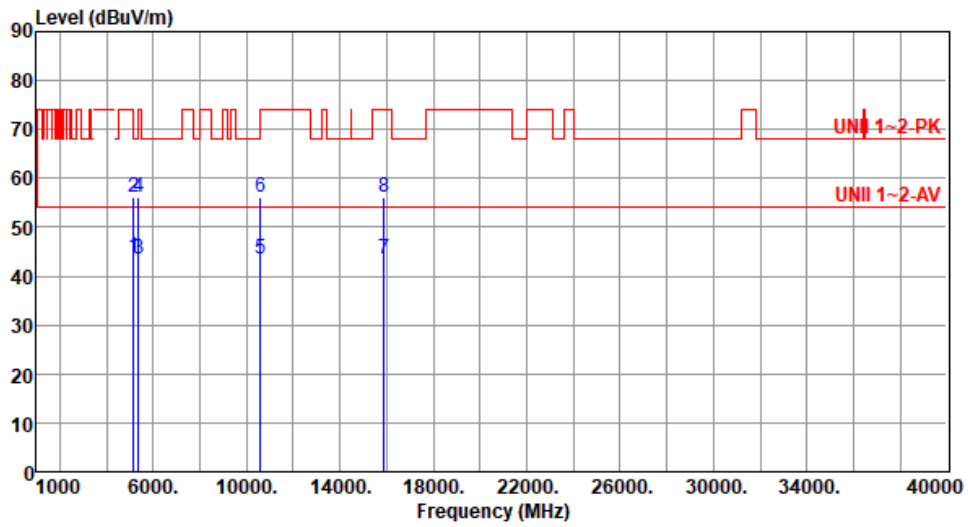
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.82	54.00	-10.18	43.58	0.24	Average	100	17
2	5150.00	56.25	74.00	-17.75	56.01	0.24	Peak	100	17
3	5350.00	43.46	54.00	-10.54	43.64	-0.18	Average	100	17
4	5350.00	56.14	74.00	-17.86	56.32	-0.18	Peak	100	17
5	10600.00	43.44	54.00	-10.56	36.20	7.24	Average	100	182
6	10600.00	56.21	74.00	-17.79	48.97	7.24	Peak	100	182
7	15900.00	43.36	54.00	-10.64	39.21	4.15	Average	100	94
8	15900.00	56.25	74.00	-17.75	52.10	4.15	Peak	100	94

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

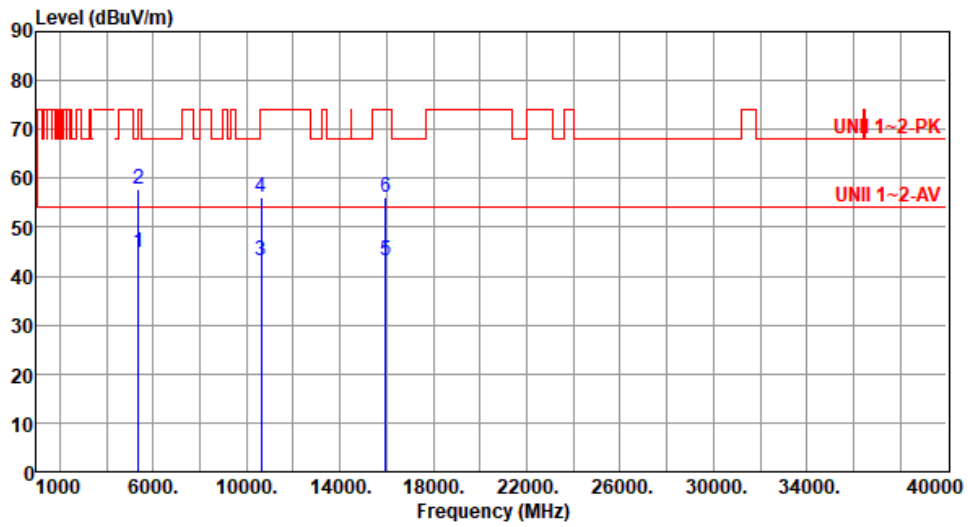
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	44.89	54.00	-9.11	45.07	-0.18	Average	148	19
2	5350.00	57.68	74.00	-16.32	57.86	-0.18	Peak	148	19
3	10640.00	43.24	54.00	-10.76	36.05	7.19	Average	100	15
4	10640.00	56.10	74.00	-17.90	48.91	7.19	Peak	100	15
5	15960.00	43.17	54.00	-10.83	39.04	4.13	Average	100	137
6	15960.00	56.11	74.00	-17.89	51.98	4.13	Peak	100	137

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

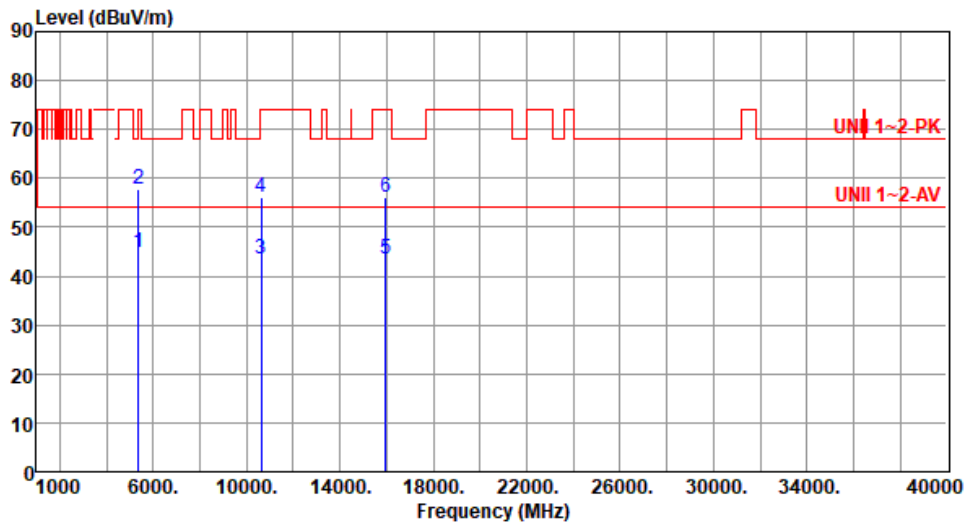
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	44.89	54.00	-9.11	45.07	-0.18	Average	100	22
2	5350.00	57.68	74.00	-16.32	57.86	-0.18	Peak	100	22
3	10640.00	43.44	54.00	-10.56	36.25	7.19	Average	100	182
4	10640.00	56.21	74.00	-17.79	49.02	7.19	Peak	100	182
5	15960.00	43.36	54.00	-10.64	39.23	4.13	Average	100	94
6	15960.00	56.25	74.00	-17.75	52.12	4.13	Peak	100	94

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

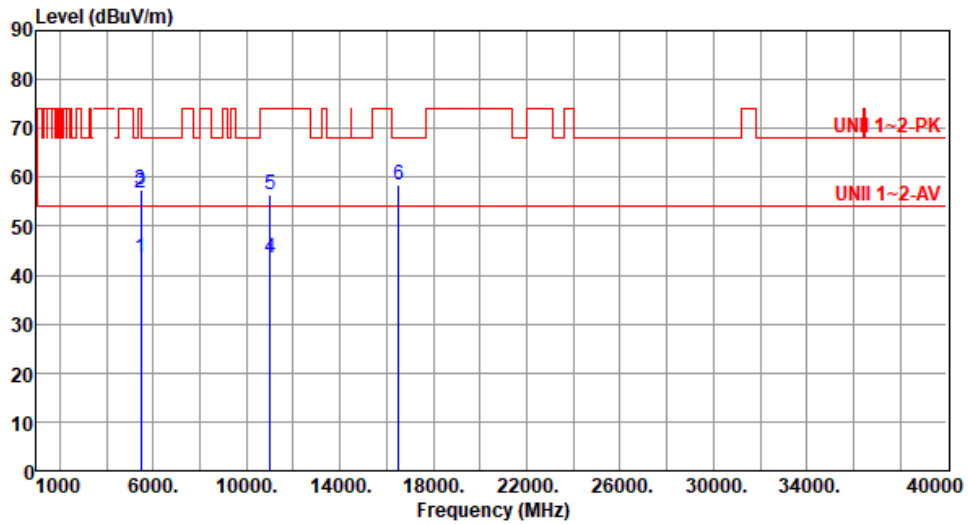
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.65	54.00	-10.35	43.57	0.08	Average	142	7
2	5460.00	56.85	74.00	-17.15	56.77	0.08	Peak	142	7
3	5470.00	57.34	68.20	-10.86	57.25	0.09	Peak	100	23
4	11000.00	43.65	54.00	-10.35	36.11	7.54	Average	100	142
5	11000.00	56.58	74.00	-17.42	49.04	7.54	Peak	100	142
6	16500.00	58.47	68.20	-9.73	52.40	6.07	Peak	100	133

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

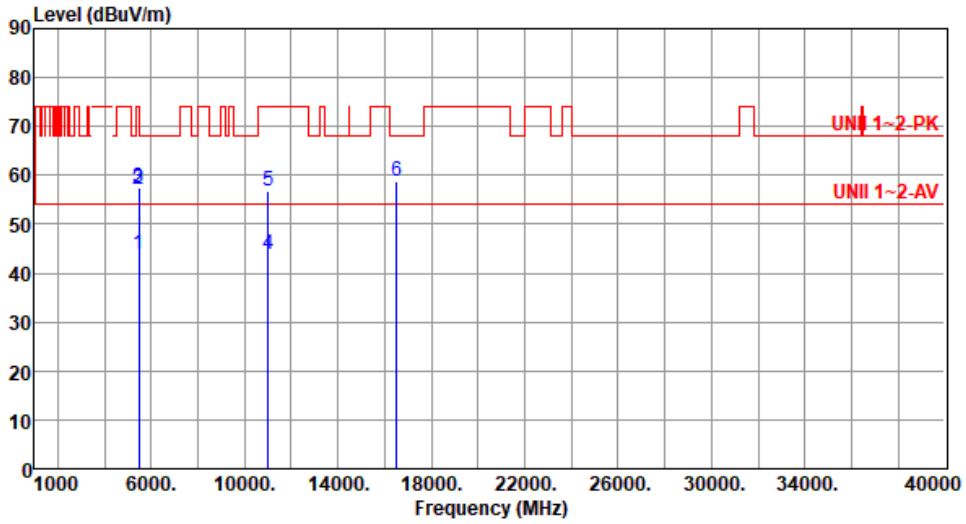
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.82	54.00	-10.18	43.74	0.08	Average	100	23
2	5460.00	57.19	74.00	-16.81	57.11	0.08	Peak	100	23
3	5470.00	57.34	68.20	-10.86	57.25	0.09	Peak	100	23
4	11000.00	43.84	54.00	-10.16	36.30	7.54	Average	100	276
5	11000.00	56.91	74.00	-17.09	49.37	7.54	Peak	100	276
6	16500.00	58.64	68.20	-9.56	52.57	6.07	Peak	100	192

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

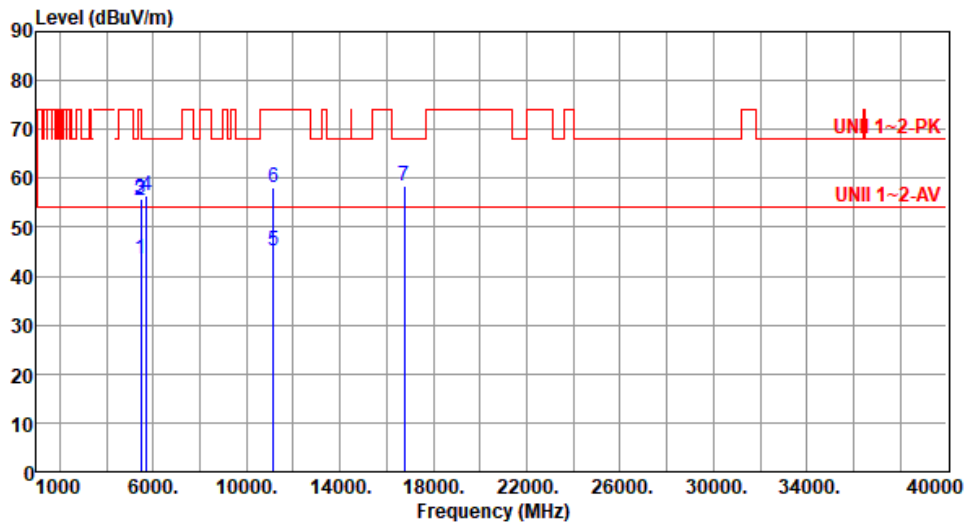
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.64	54.00	-10.36	43.56	0.08	Average	146	2
2	5460.00	55.48	74.00	-18.52	55.40	0.08	Peak	146	2
3	5470.00	55.92	68.20	-12.28	55.83	0.09	Peak	146	2
4	5725.00	56.54	68.20	-11.66	55.95	0.59	Peak	146	2
5	11160.00	45.24	54.00	-8.76	38.25	6.99	Average	159	226
6	11160.00	58.02	74.00	-15.98	51.03	6.99	Peak	159	226
7	16740.00	58.45	68.20	-9.75	52.04	6.41	Peak	100	96

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

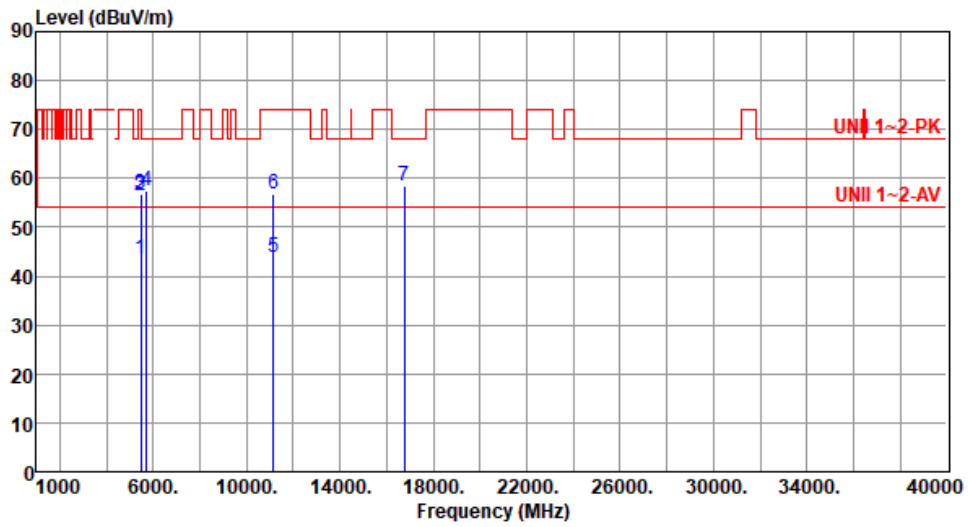
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.52	54.00	-10.48	43.44	0.08	Average	100	62
2	5460.00	56.58	74.00	-17.42	56.50	0.08	Peak	100	62
3	5470.00	56.70	68.20	-11.50	56.61	0.09	Peak	100	62
4	5725.00	57.61	68.20	-10.59	57.02	0.59	Peak	100	62
5	11160.00	43.96	54.00	-10.04	36.97	6.99	Average	100	283
6	11160.00	56.93	74.00	-17.07	49.94	6.99	Peak	100	283
7	16740.00	58.52	68.20	-9.68	52.11	6.41	Peak	100	205

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

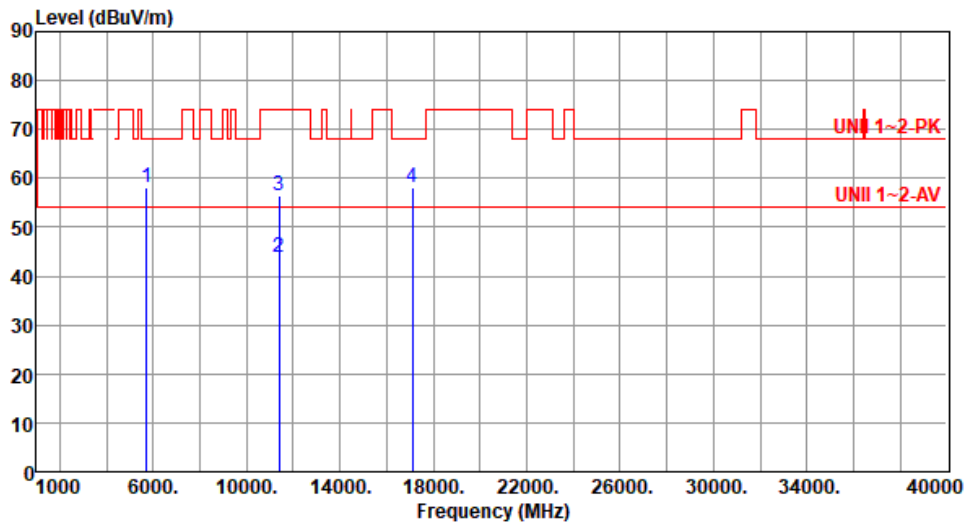
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	58.12	68.20	-10.08	57.53	0.59	Peak	144	10
2	11400.00	43.72	54.00	-10.28	36.62	7.10	Average	100	107
3	11400.00	56.59	74.00	-17.41	49.49	7.10	Peak	100	107
4	17100.00	58.23	68.20	-9.97	52.25	5.98	Peak	100	167

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

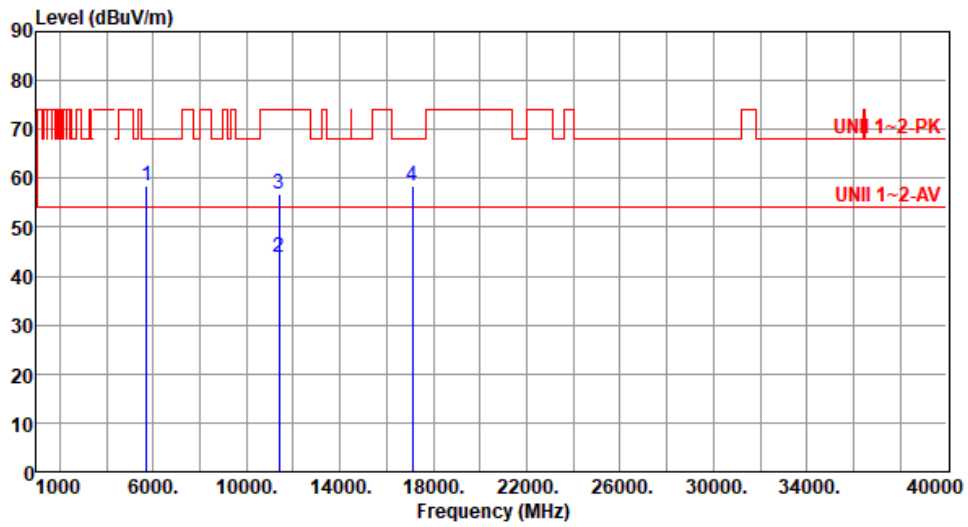
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	58.33	68.20	-9.87	57.74	0.59	Peak	100	38
2	11400.00	43.85	54.00	-10.15	36.75	7.10	Average	100	262
3	11400.00	56.81	74.00	-17.19	49.71	7.10	Peak	100	262
4	17100.00	58.45	68.20	-9.75	52.47	5.98	Peak	100	223

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

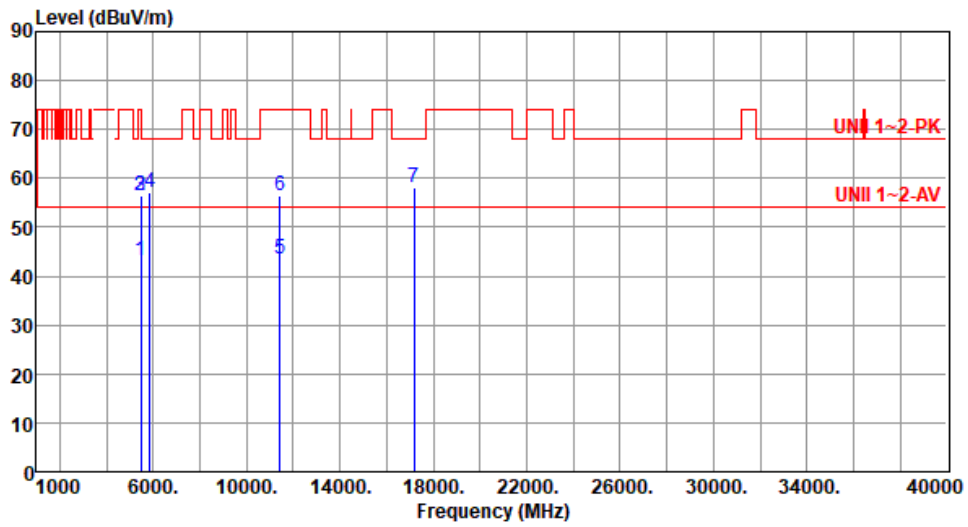
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.05	54.00	-10.95	42.97	0.08	Average	148	5
2	5460.00	56.31	74.00	-17.69	56.23	0.08	Peak	148	5
3	5470.00	56.52	68.20	-11.68	56.43	0.09	Peak	148	5
4	5850.00	57.19	68.20	-11.01	56.31	0.88	Peak	148	5
5	11440.00	43.38	54.00	-10.62	36.21	7.17	Average	100	149
6	11440.00	56.37	74.00	-17.63	49.20	7.17	Peak	100	149
7	17160.00	58.24	68.20	-9.96	52.16	6.08	Peak	100	68

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

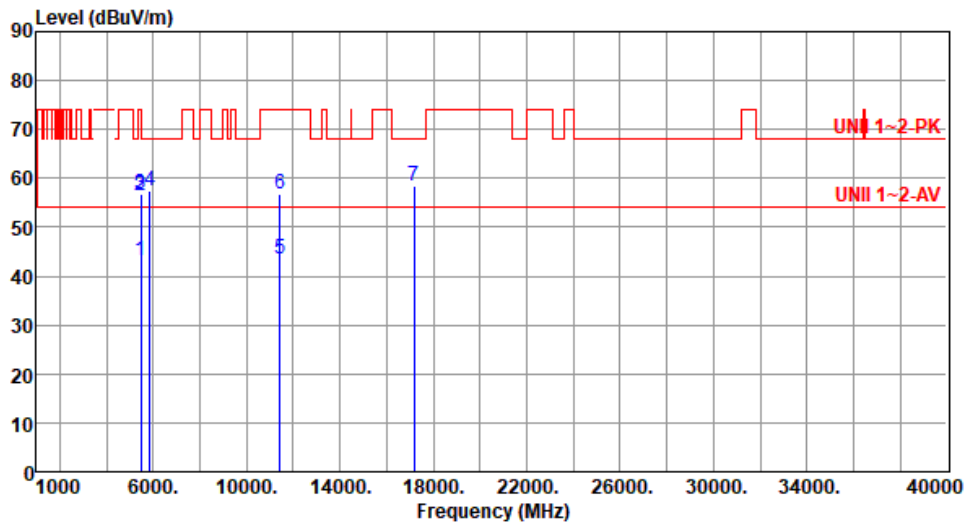
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	43.22	54.00	-10.78	43.14	0.08	Average	100	38
2	5460.00	56.56	74.00	-17.44	56.48	0.08	Peak	100	38
3	5470.00	56.70	68.20	-11.50	56.61	0.09	Peak	100	38
4	5850.00	57.40	68.20	-10.80	56.52	0.88	Peak	100	38
5	11440.00	43.64	54.00	-10.36	36.47	7.17	Average	100	259
6	11440.00	56.72	74.00	-17.28	49.55	7.17	Peak	100	259
7	17160.00	58.52	68.20	-9.68	52.44	6.08	Peak	100	229

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

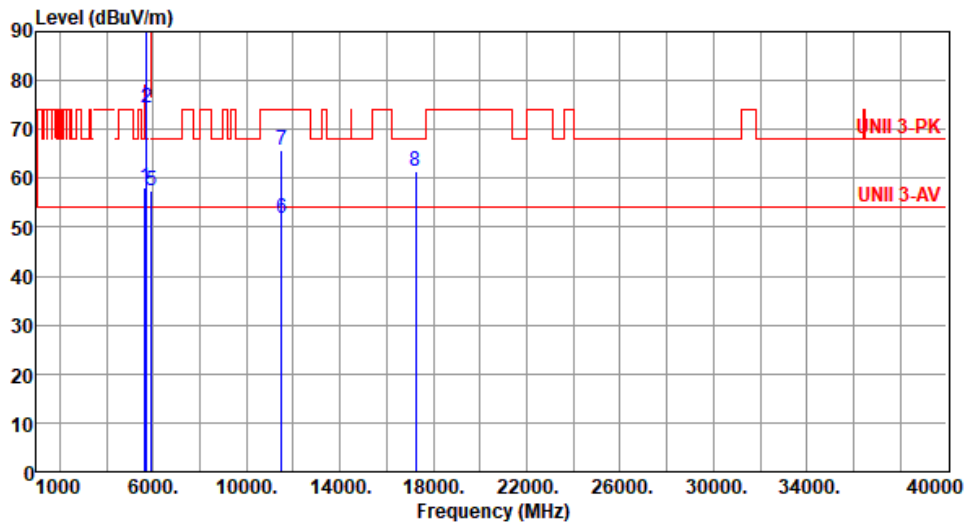
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	58.24	68.20	-9.96	58.00	0.24	Peak	177	26
2	5700.00	74.28	105.20	-30.92	73.81	0.47	Peak	177	26
3	5720.00	88.96	110.80	-21.84	88.39	0.57	Peak	177	26
4	5725.00	96.13	122.20	-26.07	95.54	0.59	Peak	177	26
5	5925.00	57.49	68.20	-10.71	56.30	1.19	Peak	177	26
6	11490.00	51.82	54.00	-2.18	44.57	7.25	Average	168	219
7	11490.00	65.79	74.00	-8.21	58.54	7.25	Peak	168	219
8	17235.00	61.34	68.20	-6.86	55.24	6.10	Peak	286	290

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

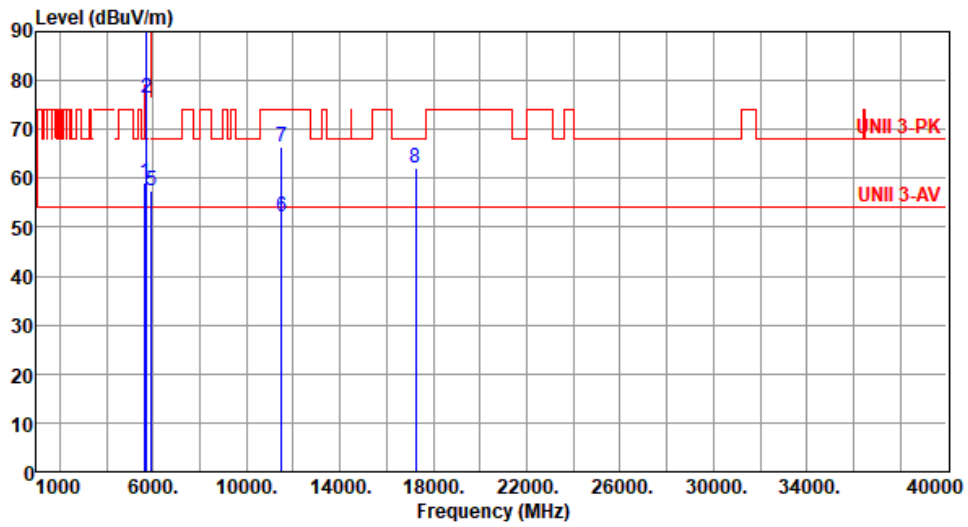
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	59.16	68.20	-9.04	58.92	0.24	Peak	100	179
2	5700.00	76.44	105.20	-28.76	75.97	0.47	Peak	100	179
3	5720.00	91.83	110.80	-18.97	91.26	0.57	Peak	100	179
4	5725.00	98.74	122.20	-23.46	98.15	0.59	Peak	100	179
5	5925.00	57.37	68.20	-10.83	56.18	1.19	Peak	100	179
6	11490.00	52.26	54.00	-1.74	45.01	7.25	Average	196	247
7	11490.00	66.49	74.00	-7.51	59.24	7.25	Peak	196	247
8	17235.00	62.24	68.20	-5.96	56.14	6.10	Peak	265	251

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

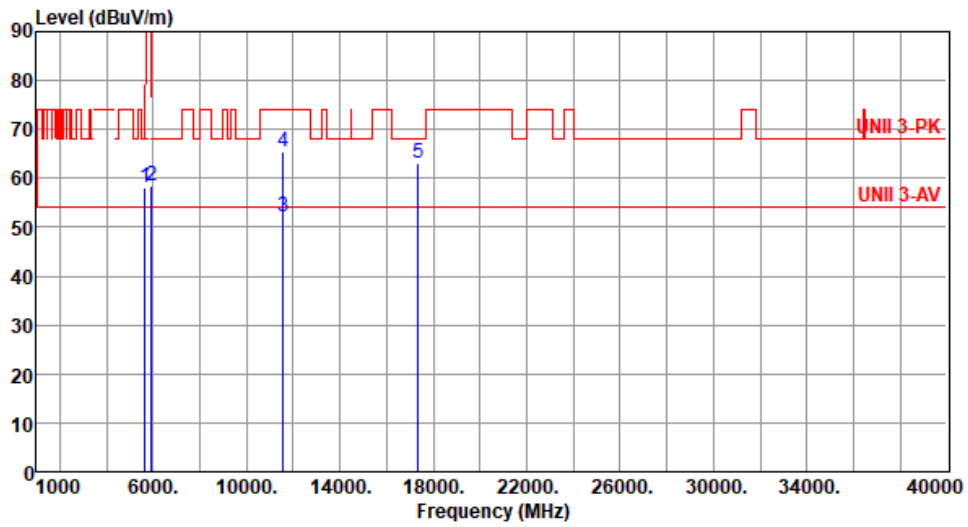
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	58.28	68.20	-9.92	58.04	0.24	Peak	175	25
2	5925.00	58.46	68.20	-9.74	57.27	1.19	Peak	175	25
3	11570.00	52.14	54.00	-1.86	45.11	7.03	Average	212	221
4	11570.00	65.48	74.00	-8.52	58.45	7.03	Peak	212	221
5	17355.00	63.11	68.20	-5.09	56.88	6.23	Peak	288	291

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

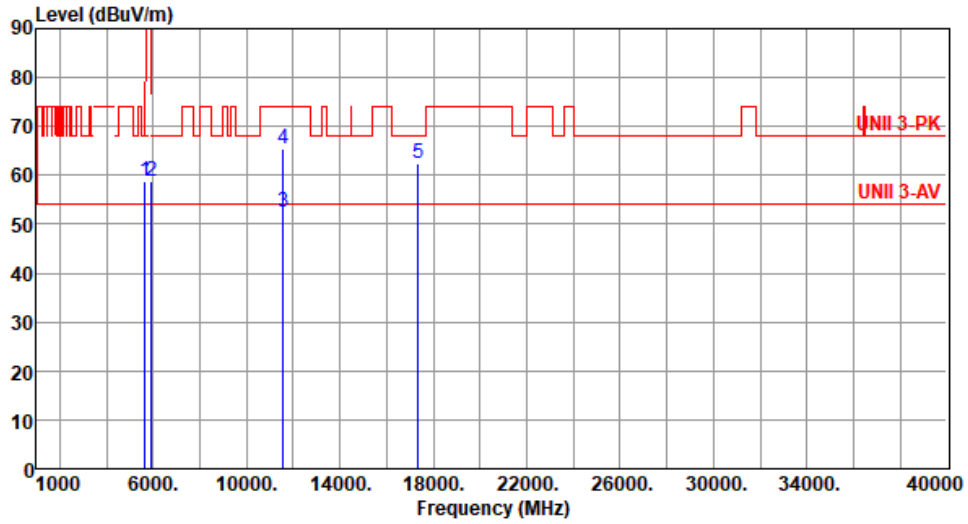
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	58.87	68.20	-9.33	58.63	0.24	Peak	100	188
2	5925.00	58.67	68.20	-9.53	57.48	1.19	Peak	100	188
3	11570.00	52.54	54.00	-1.46	45.51	7.03	Average	210	248
4	11570.00	65.49	74.00	-8.51	58.46	7.03	Peak	210	248
5	17355.00	62.41	68.20	-5.79	56.18	6.23	Peak	258	241

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

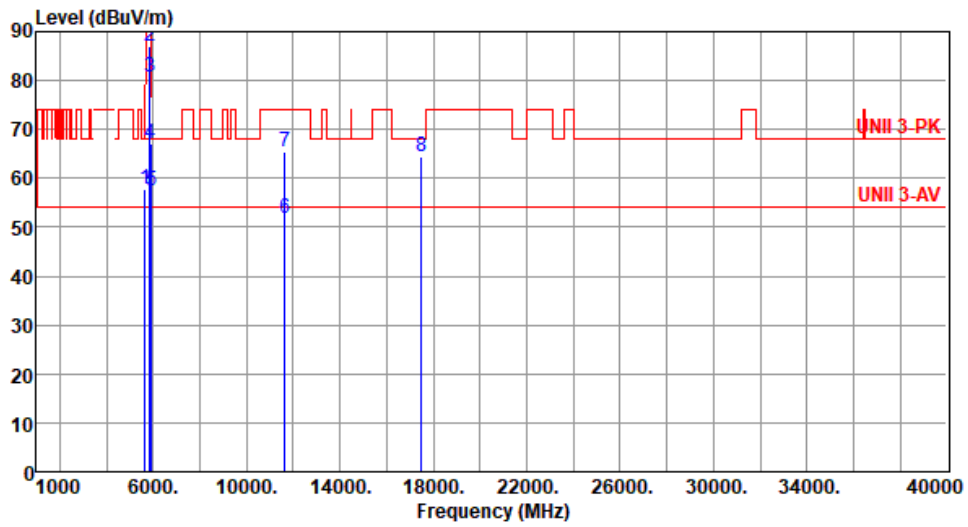
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	57.83	68.20	-10.37	57.59	0.24	Peak	176	24
2	5850.00	87.12	122.20	-35.08	86.24	0.88	Peak	176	24
3	5855.00	80.86	110.80	-29.94	79.95	0.91	Peak	176	24
4	5875.00	67.04	105.20	-38.16	66.04	1.00	Peak	176	24
5	5925.00	57.46	68.20	-10.74	56.27	1.19	Peak	176	24
6	11650.00	51.96	54.00	-2.04	45.20	6.76	Average	166	219
7	11650.00	65.58	74.00	-8.42	58.82	6.76	Peak	166	219
8	17475.00	64.45	68.20	-3.75	57.86	6.59	Peak	302	287

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

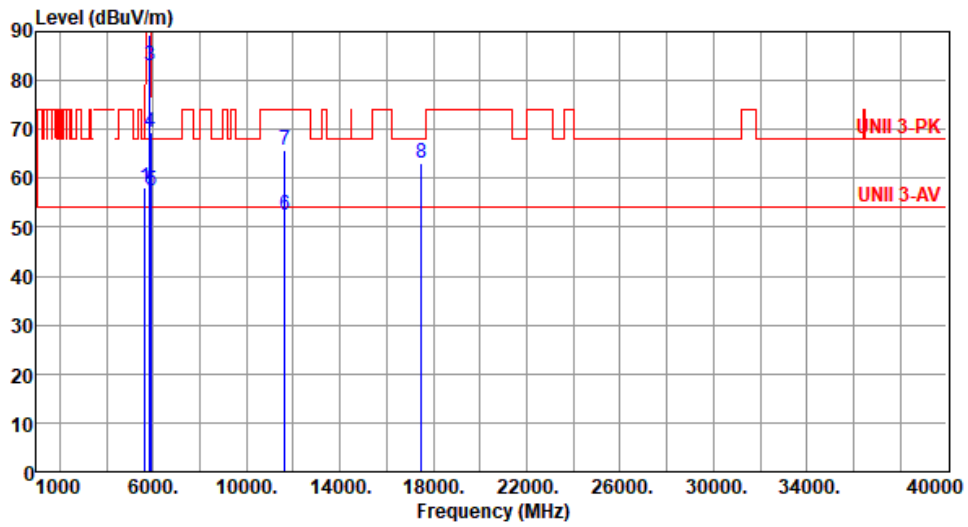
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By :Brad Wu Temperature(°C):23 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	58.22	68.20	-9.98	57.98	0.24	Peak	100	174
2	5850.00	89.26	122.20	-32.94	88.38	0.88	Peak	100	174
3	5855.00	83.03	110.80	-27.77	82.12	0.91	Peak	100	174
4	5875.00	69.28	105.20	-35.92	68.28	1.00	Peak	100	174
5	5925.00	57.58	68.20	-10.62	56.39	1.19	Peak	100	174
6	11650.00	52.56	54.00	-1.44	45.80	6.76	Average	212	246
7	11650.00	65.72	74.00	-8.28	58.96	6.76	Peak	212	246
8	17475.00	63.24	68.20	-4.96	56.65	6.59	Peak	262	252

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

*Factor includes antenna factor , cable loss and amplifier gain

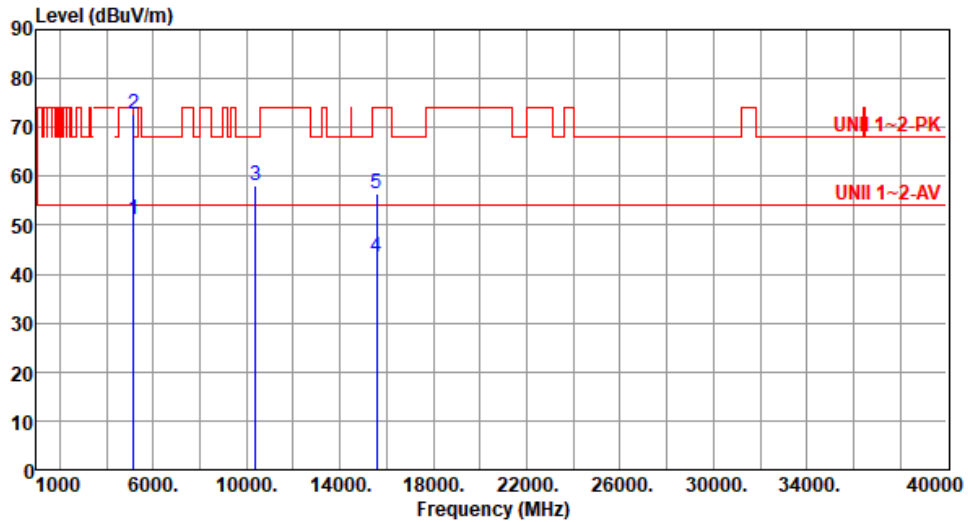
Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



Unwanted Emissions (Above 1GHz) for ax HE40

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

Test By :Sean Yu Temperature(°C):26 Humidity(%):62



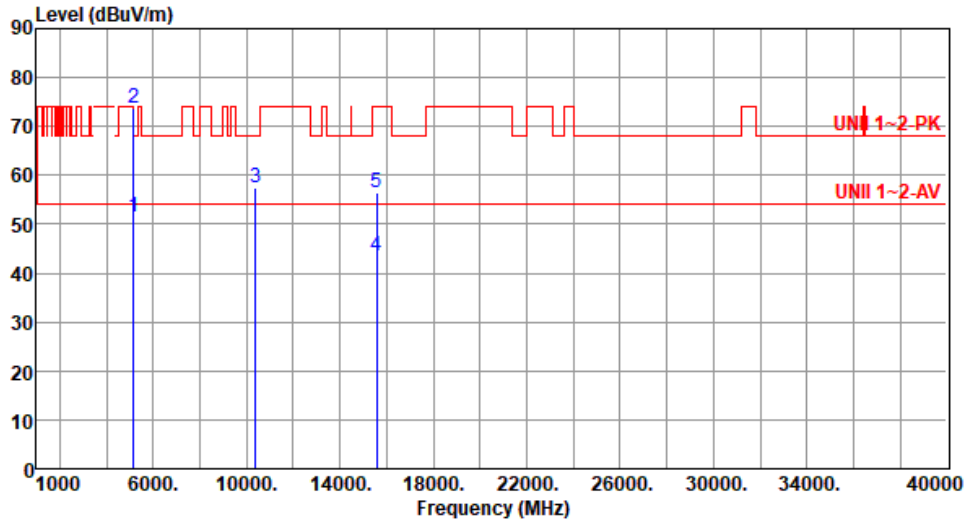
	Freq. MHz	Emission level dBuV/m	Limit dBuV/m	Margin dB	SA reading dBuV	Factor dB/m	Remark	ANT High cm	Turn Table deg
1	5150.00	51.16	54.00	-2.84	50.92	0.24	Average	146	66
2	5150.00	72.67	74.00	-1.33	72.43	0.24	Peak	146	66
3	10380.00	58.11	68.20	-10.09	50.97	7.14	Peak	100	189
4	15570.00	43.51	54.00	-10.49	39.47	4.04	Average	100	177
5	15570.00	56.44	74.00	-17.56	52.40	4.04	Peak	100	177

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	Test Freq. (MHz)	5190
Polarization	Vertical		

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	51.57	54.00	-2.43	51.33	0.24	Average	100	14
2	5150.00	73.88	74.00	-0.12	73.64	0.24	Peak	100	14
3	10380.00	57.44	68.20	-10.76	50.30	7.14	Peak	100	115
4	15570.00	43.49	54.00	-10.51	39.45	4.04	Average	100	182
5	15570.00	56.37	74.00	-17.63	52.33	4.04	Peak	100	182

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

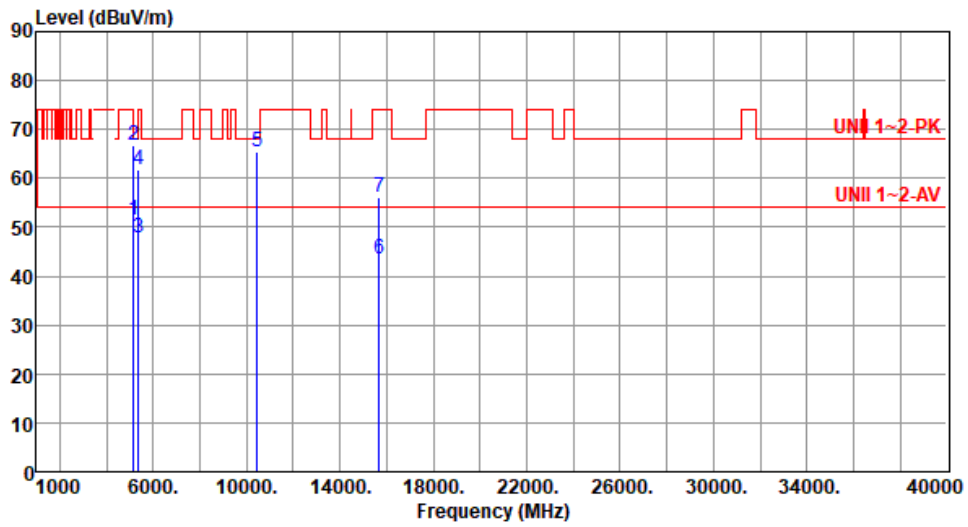
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	51.47	54.00	-2.53	51.23	0.24	Average	179	11
2	5150.00	66.72	74.00	-7.28	66.48	0.24	Peak	179	11
3	5350.00	47.93	54.00	-6.07	48.11	-0.18	Average	179	11
4	5350.00	61.83	74.00	-12.17	62.01	-0.18	Peak	179	11
5	10460.00	65.52	68.20	-2.68	58.28	7.24	Peak	127	181
6	15690.00	43.36	54.00	-10.64	39.44	3.92	Average	100	172
7	15690.00	56.26	74.00	-17.74	52.34	3.92	Peak	100	172

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

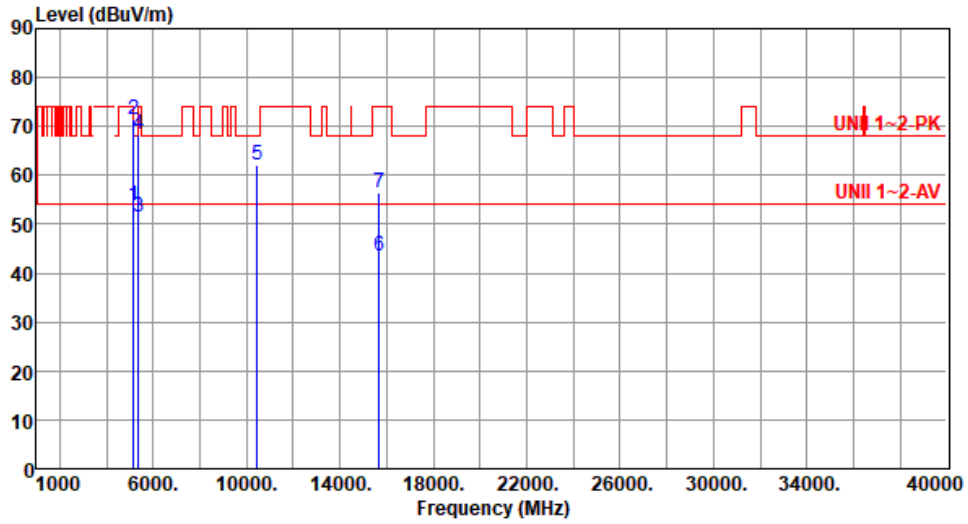
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	53.84	54.00	-0.16	53.60	0.24	Average	100	95
2	5150.00	71.47	74.00	-2.53	71.23	0.24	Peak	100	10
3	5350.00	51.50	54.00	-2.50	51.68	-0.18	Average	100	95
4	5350.00	68.57	74.00	-5.43	68.75	-0.18	Peak	100	10
5	10460.00	61.95	68.20	-6.25	54.71	7.24	Peak	100	116
6	15690.00	43.41	54.00	-10.59	39.49	3.92	Average	100	154
7	15690.00	56.33	74.00	-17.67	52.41	3.92	Peak	100	154

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

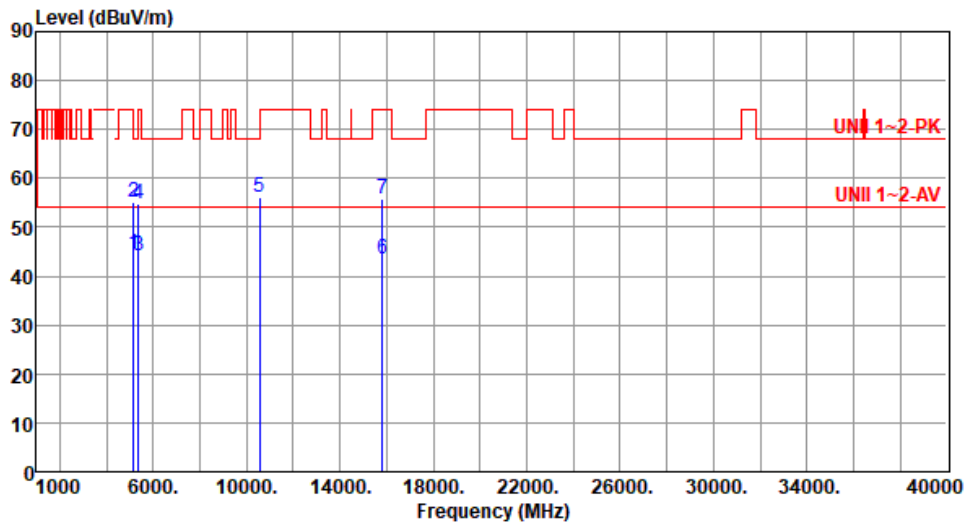
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	44.51	54.00	-9.49	44.27	0.24	Average	112	105
2	5150.00	55.10	74.00	-18.90	54.86	0.24	Peak	112	105
3	5350.00	44.16	54.00	-9.84	44.34	-0.18	Average	112	105
4	5350.00	54.94	74.00	-19.06	55.12	-0.18	Peak	112	105
5	10540.00	56.12	68.20	-12.08	48.87	7.25	Peak	100	148
6	15810.00	43.42	54.00	-10.58	39.42	4.00	Average	100	105
7	15810.00	55.79	74.00	-18.21	51.79	4.00	Peak	100	105

Note 1: Emission Level (dBuV/m) = SA Reading (dBuV) + Factor* (dB/m)

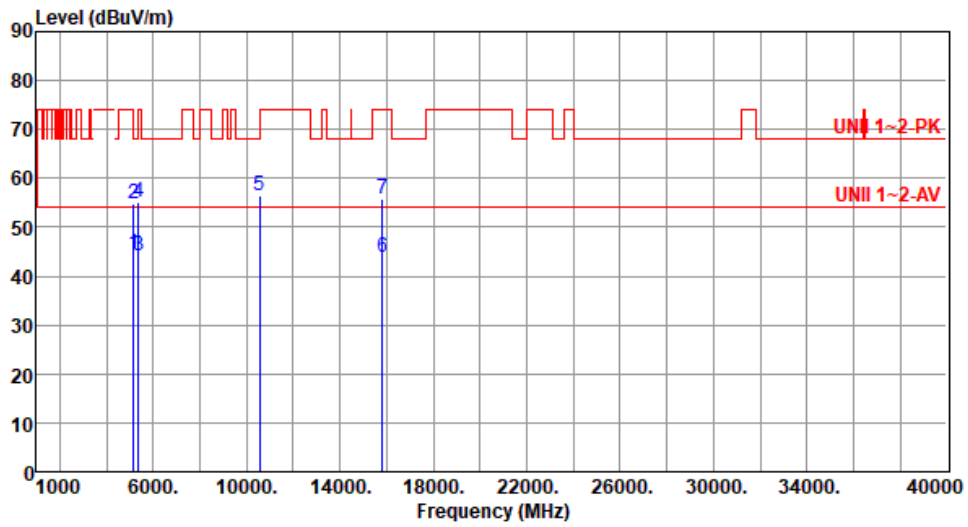
*Factor includes antenna factor , cable loss and amplifier gain

Note 2: Margin (dB) = Emission level (dBuV/m) – Limit (dBuV/m).



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

Test By : Sean Yu Temperature(°C): 26 Humidity(%): 62



	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	44.23	0.24	Average	105	239
2	5150.00	54.92	74.00	-19.08	54.68	0.24	Peak	105	239
3	5350.00	44.28	54.00	-9.72	44.46	-0.18	Average	105	239
4	5350.00	55.02	74.00	-18.98	55.20	-0.18	Peak	105	239
5	10540.00	56.33	68.20	-11.87	49.08	7.25	Peak	100	42
6	15810.00	43.71	54.00	-10.29	39.71	4.00	Average	100	157
7	15810.00	55.81	74.00	-18.19	51.81	4.00	Peak	100	157

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).