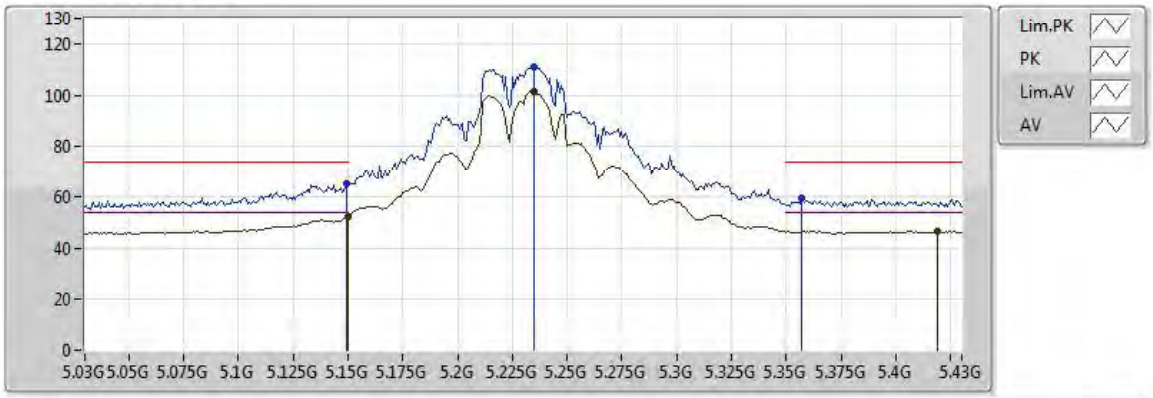
VHT40_Nss1_2TX

5230MHz_TX

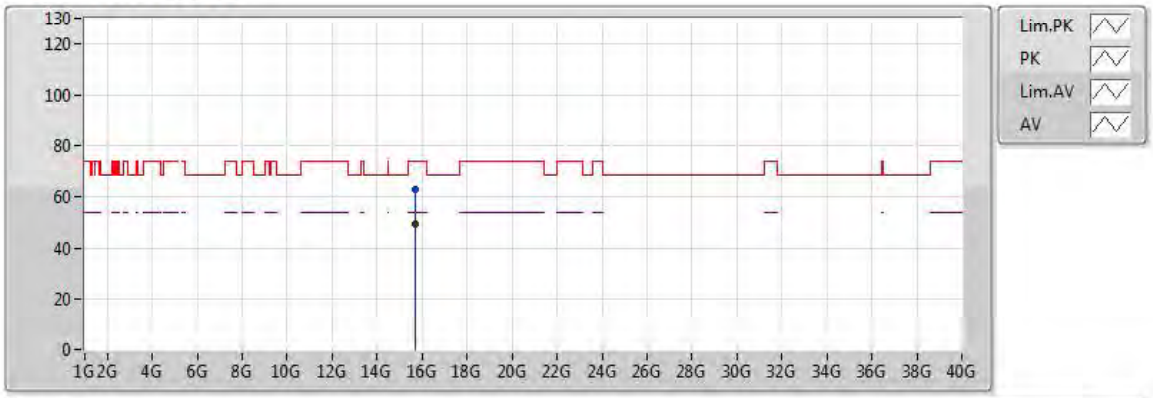


20170621
EUT Y_2TX
Setting 21
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)
AV	5.149995G	52.35	54.00	-1.65	5.31	3	Horizontal	17	1.98
AV	5.2348G	101.21	Inf	-Inf	5.53	3	Horizontal	17	1.98
AV	5.4188G	46.52	54.00	-7.48	5.79	3	Horizontal	17	1.98
PK	5.1492G	65.07	74.00	-8.93	5.31	3	Horizontal	17	1.98
PK	5.2348G	110.96	Inf	-Inf	5.53	3	Horizontal	17	1.98
PK	5.3572G	59.12	74.00	-14.88	5.66	3	Horizontal	17	1.98

VHT40_Nss1_2TX

5230MHz_TX

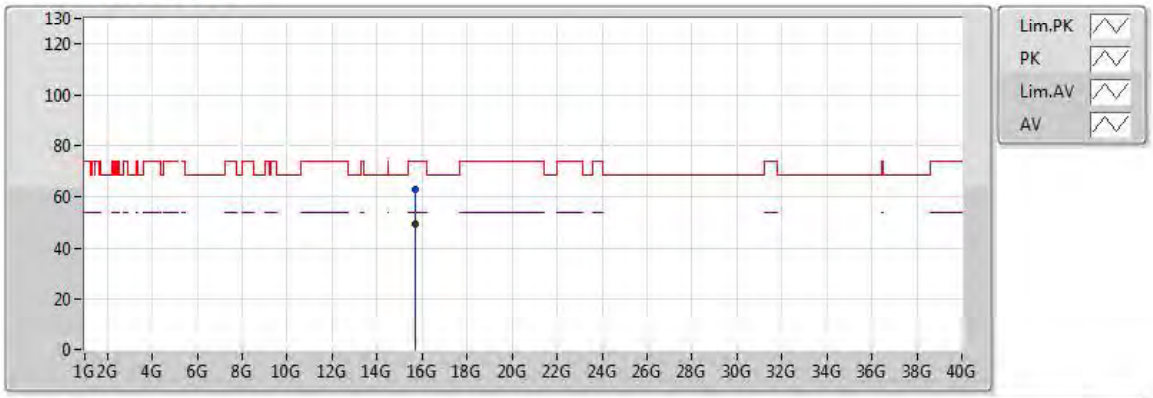


20170622
EUT Y_2TX
Setting 21
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.702G	49.28	54.00	-4.72	17.93	3	Vertical	99	1.74					
PK	15.6879G	62.58	74.00	-11.42	17.92	3	Vertical	99	1.74	-	44.66	39.41	13.03	34.53

VHT40_Nss1_2TX

5230MHz_TX

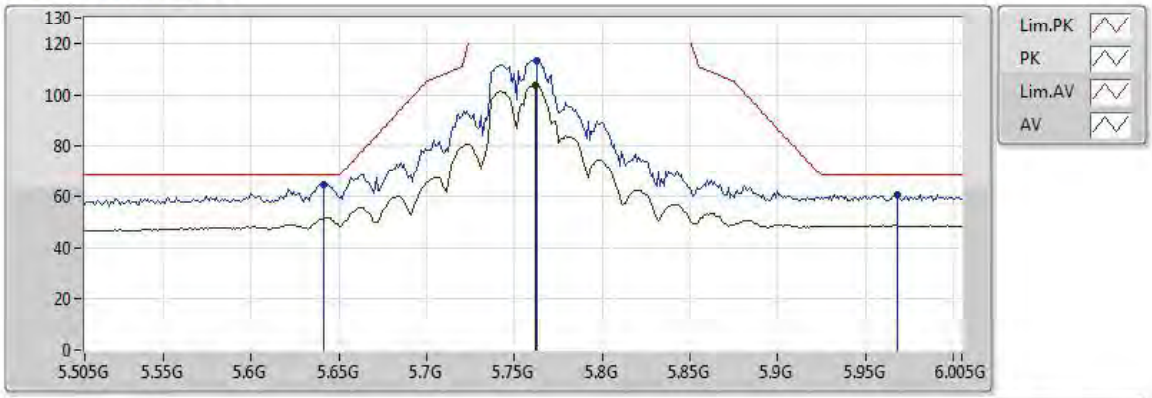


20170622
EUT Y_2TX
Setting 21
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(*)	(m)					
AV	15.7026G	49.41	54.00	-4.59	17.93	3	Horizontal	53	1.71					
PK	15.6822G	62.97	74.00	-11.03	17.91	3	Horizontal	53	1.71	-	45.06	39.41	13.03	34.52

VHT40_Nss1_2TX

5755MHz_TX

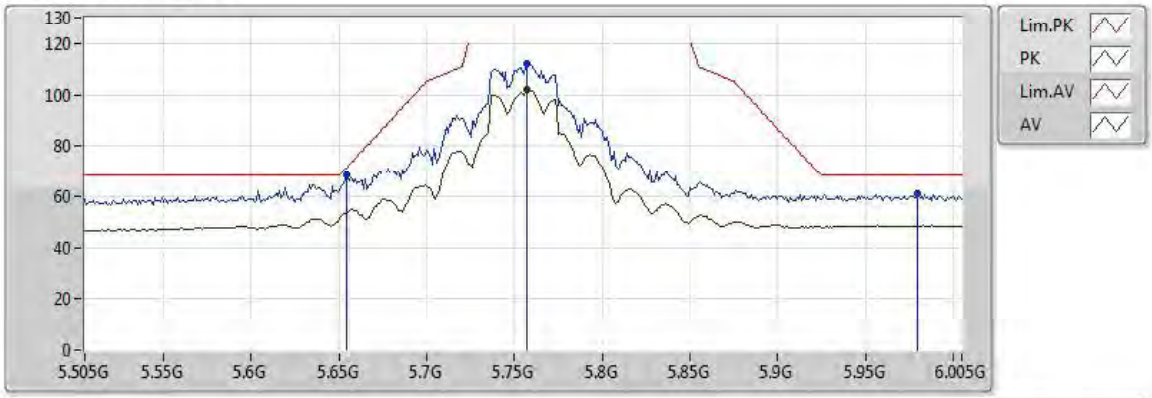


20170621
EUT Y_2TX
Setting 24
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.762G	103.69	Inf	-Inf	7.10	3	Vertical	43	1.97					
PK	5.641G	64.60	68.20	-3.60	6.86	3	Vertical	43	1.97					
PK	5.763G	113.42	Inf	-Inf	7.10	3	Vertical	43	1.97					
PK	5.968G	60.66	68.20	-7.54	8.27	3	Vertical	43	1.97	-	52.39	35.99	8.69	36.41

VHT40_Nss1_2TX

5755MHz_TX

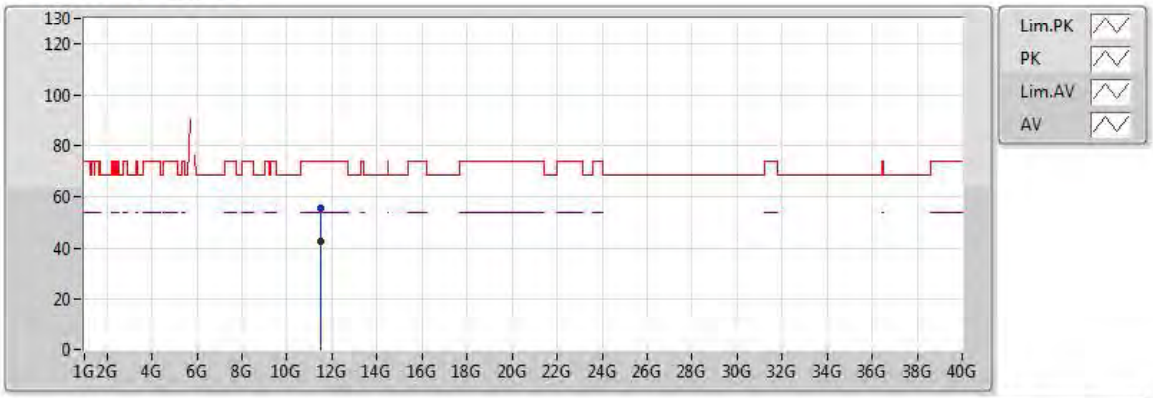


20170621
EUT Y_2TX
Setting 24
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.757G	101.90	Inf	-Inf	7.09	3	Horizontal	8	1.97					
PK	5.654G	68.26	71.16	-2.90	6.88	3	Horizontal	8	1.97					
PK	5.757G	111.97	Inf	-Inf	7.09	3	Horizontal	8	1.97					
PK	5.98G	60.99	68.20	-7.21	8.35	3	Horizontal	8	1.97	-	52.64	36.03	8.73	36.41

VHT40_Nss1_2TX

5755MHz_TX

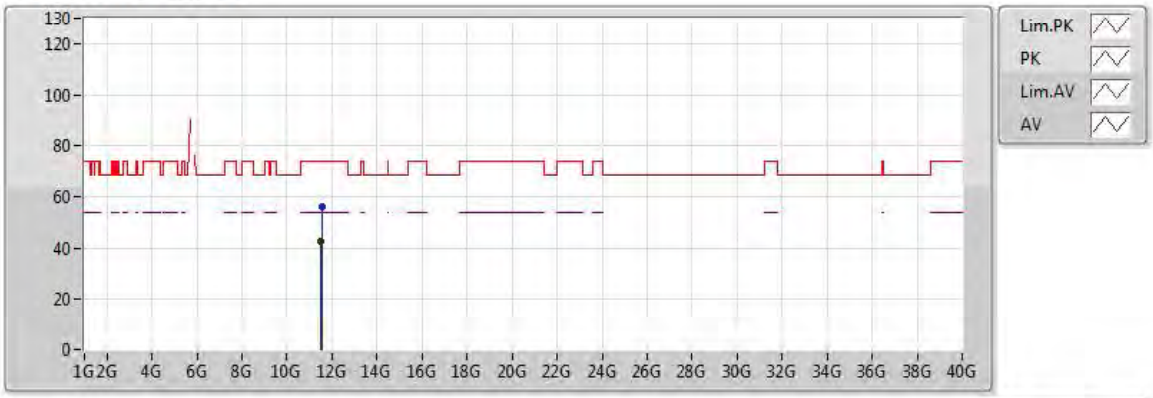


20170622
EUT Y_2TX
Setting 24
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.4891G	42.70	54.00	-11.30	16.12	3	Vertical	327	1.72					
PK	11.5261G	55.28	74.00	-18.72	16.15	3	Vertical	327	1.72	-	39.13	39.34	11.83	35.03

VHT40_Nss1_2TX

5755MHz_TX

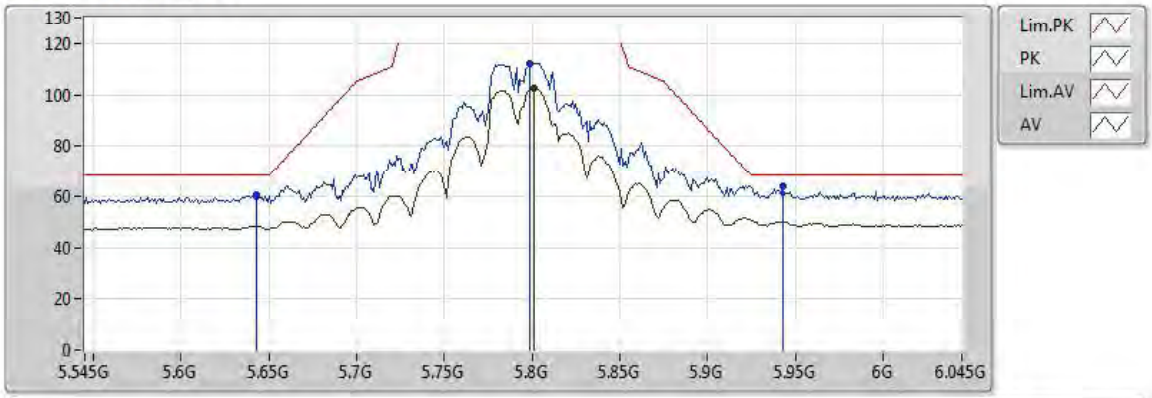


20170622
EUT Y_2TX
Setting 24
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.4867G	42.51	54.00	-11.49	16.12	3	Horizontal	117	1.91					
PK	11.5297G	56.01	74.00	-17.99	16.15	3	Horizontal	117	1.91	-	39.86	39.34	11.84	35.03

VHT40_Nss1_2TX

5795MHz_TX

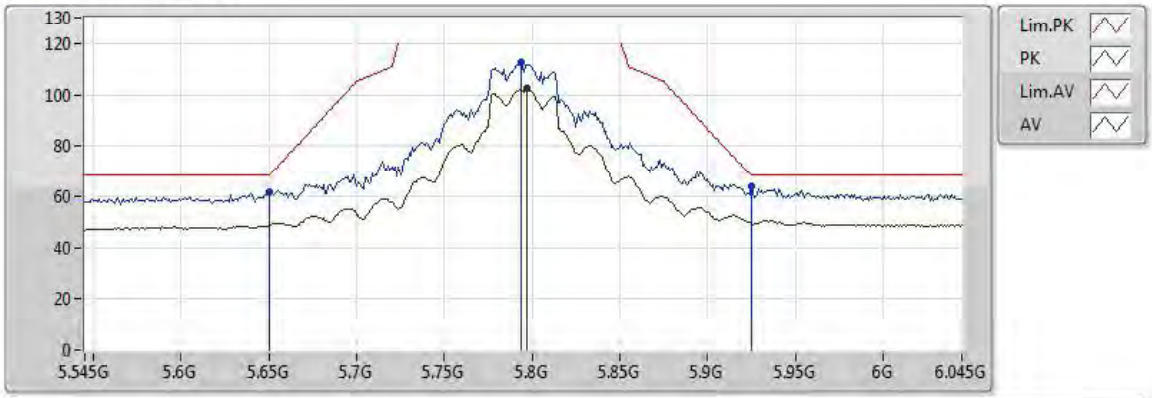


20170621
EUT Y_2TX
Setting 24
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.801G	102.77	Inf	-Inf	7.19	3	Vertical	43	1.97					
PK	5.643G	60.30	68.20	-7.90	6.86	3	Vertical	43	1.97					
PK	5.799G	112.16	Inf	-Inf	7.18	3	Vertical	43	1.97					
PK	5.943G	63.96	68.20	-4.24	8.11	3	Vertical	43	1.97	-	55.85	35.91	8.63	36.42

VHT40_Nss1_2TX

5795MHz_TX

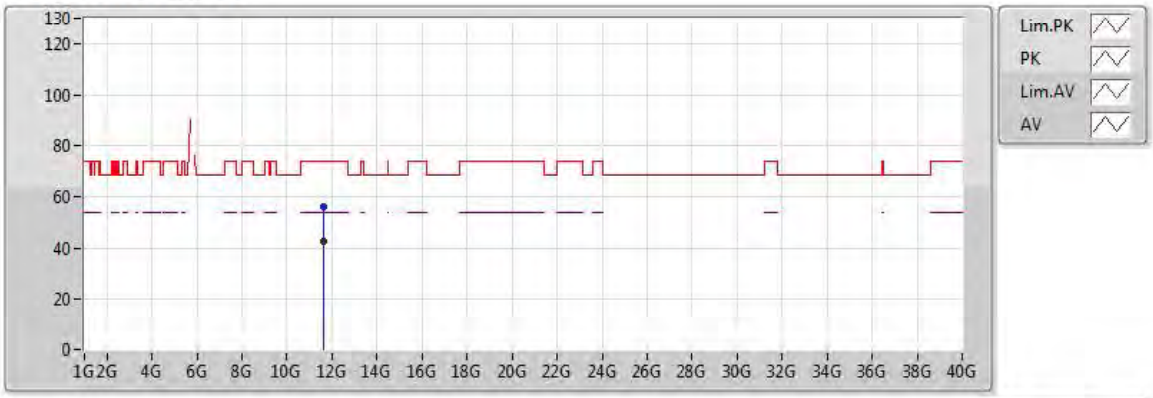


20170621
EUT Y_2TX
Setting 24
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.797G	102.61	Inf	-Inf	7.17	3	Horizontal	3	1.99					
PK	5.65G	61.73	68.20	-6.47	6.87	3	Horizontal	3	1.99					
PK	5.794G	112.44	Inf	-Inf	7.17	3	Horizontal	3	1.99					
PK	5.925G	63.67	68.20	-4.53	7.99	3	Horizontal	3	1.99	-	55.68	35.84	8.58	36.43

VHT40_Nss1_2TX

5795MHz_TX

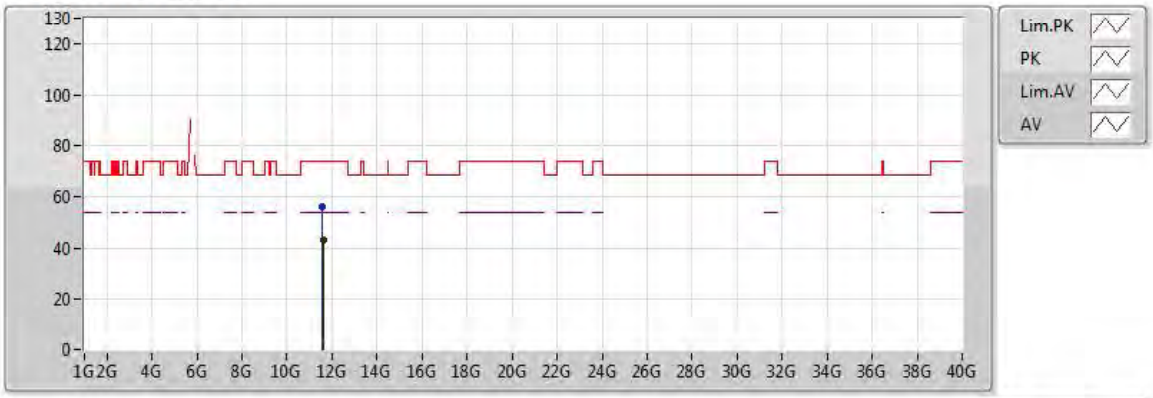


20170622
EUT Y_2TX
Setting 24
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6134G	42.82	54.00	-11.18	16.20	3	Vertical	130	1.70					
PK	11.6085G	55.88	74.00	-18.12	16.20	3	Vertical	130	1.70	-	39.67	39.32	11.89	35.01

VHT40_Nss1_2TX

5795MHz_TX

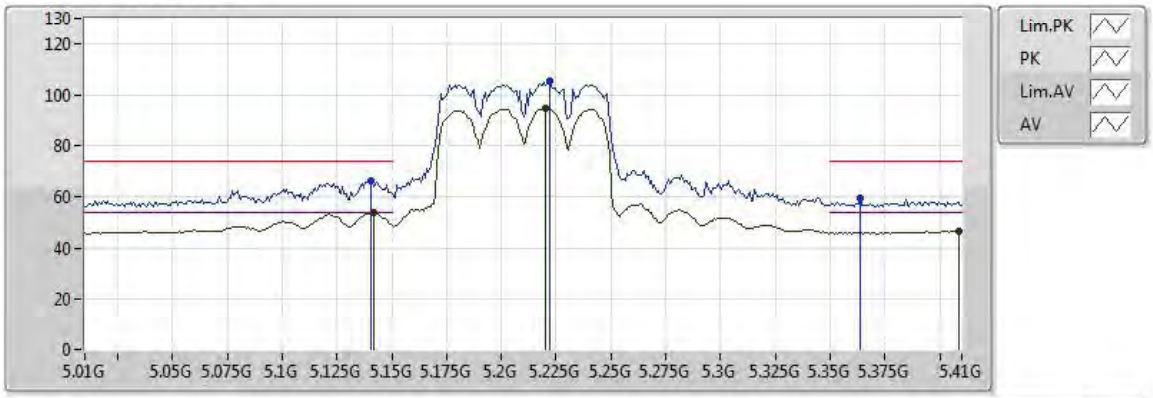


20170622
EUT Y_2TX
Setting 24
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.6138G	42.91	54.00	-11.09	16.21	3	Horizontal	221	1.02					
PK	11.5782G	56.04	74.00	-17.96	16.18	3	Horizontal	221	1.02	-	39.86	39.33	11.87	35.02

VHT80_Nss1_2TX

5210MHz_TX

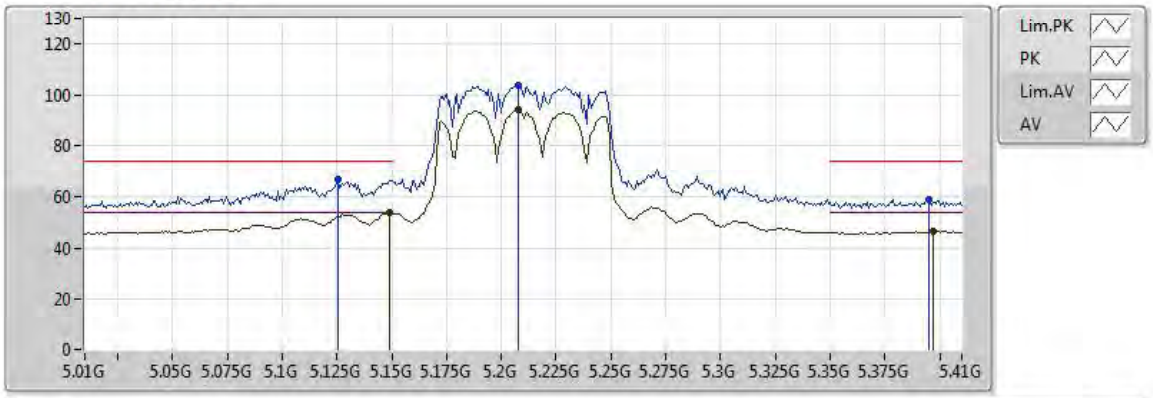


20170621
EUT Y_2TX
Setting 16
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.142G	53.77	54.00	-0.23	5.29	3	Vertical	40	1.03					
AV	5.2204G	94.90	Inf	-Inf	5.51	3	Vertical	40	1.03					
AV	5.4084G	46.59	54.00	-7.41	5.74	3	Vertical	40	1.03					
PK	5.1404G	66.31	74.00	-7.69	5.28	3	Vertical	40	1.03					
PK	5.222G	105.18	Inf	-Inf	5.51	3	Vertical	40	1.03					
PK	5.3636G	59.63	74.00	-14.37	5.66	3	Vertical	40	1.03	-	53.96	34.18	8.16	36.67

VHT80_Nss1_2TX

5210MHz_TX

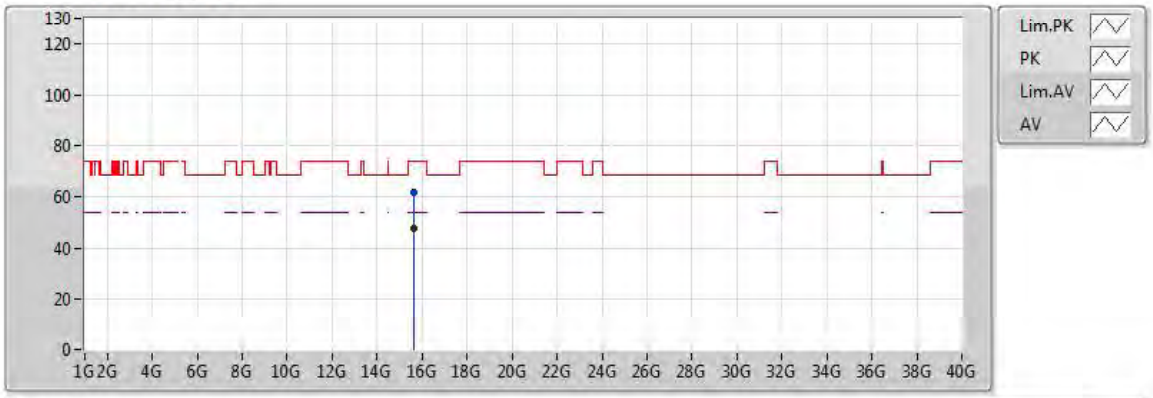


20170621
EUT Y_2TX
Setting 16
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.1492G	53.98	54.00	-0.02	5.31	3	Horizontal	353	1.97					
AV	5.2076G	94.23	Inf	-Inf	5.50	3	Horizontal	353	1.97					
AV	5.3972G	46.51	54.00	-7.49	5.70	3	Horizontal	353	1.97					
PK	5.1252G	66.48	74.00	-7.52	5.23	3	Horizontal	353	1.97					
PK	5.2076G	103.42	Inf	-Inf	5.50	3	Horizontal	353	1.97					
PK	5.3948G	58.97	74.00	-15.03	5.69	3	Horizontal	353	1.97	-	53.27	34.22	8.13	36.66

VHT80_Nss1_2TX

5210MHz_TX

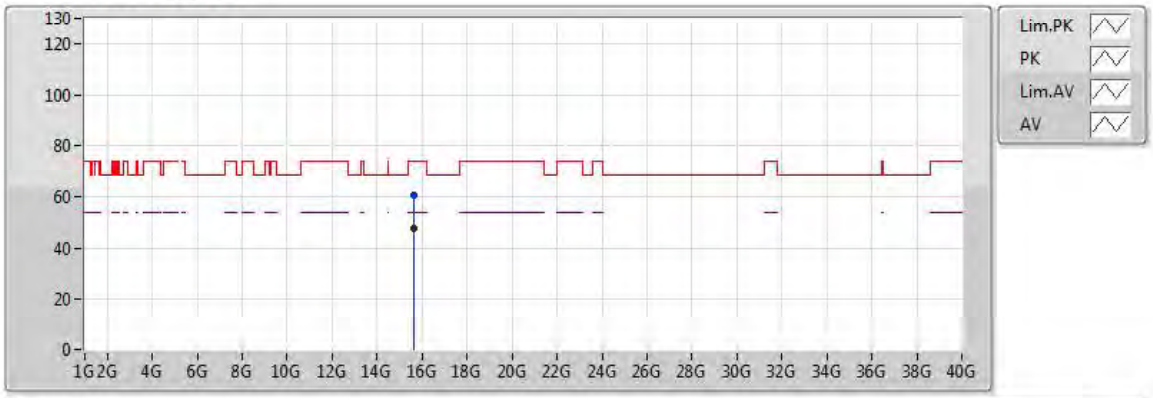


20170622
EUT Y_2TX
Setting 16
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.608G	47.77	54.00	-6.23	17.85	3	Vertical	124	1.47					
PK	15.6055G	61.50	74.00	-12.50	17.85	3	Vertical	124	1.47	-	43.65	39.36	13.01	34.52

VHT80_Nss1_2TX

5210MHz_TX

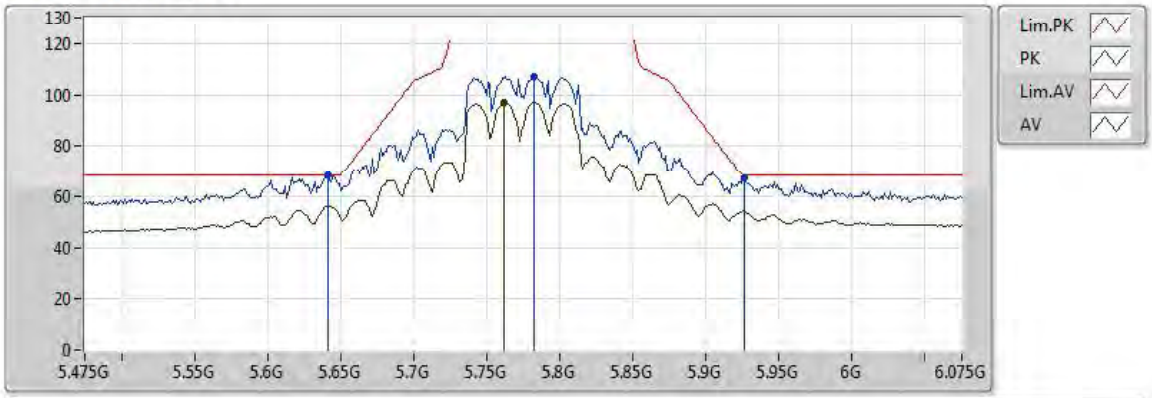


20170622
EUT Y_2TX
Setting 16
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	15.6175G	47.73	54.00	-6.27	17.86	3	Horizontal	322	1.26					
PK	15.638G	60.69	74.00	-13.31	17.88	3	Horizontal	322	1.26	-	42.82	39.38	13.02	34.52

VHT80_Nss1_2TX

5775MHz_TX

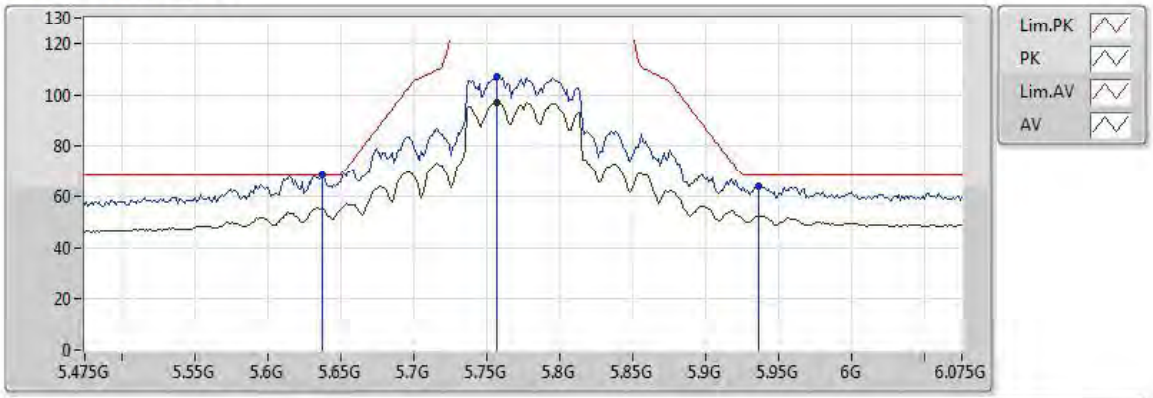


20170621
EUT Y_2TX
Setting 20
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.7618G	97.11	Inf	-Inf	7.10	3	Vertical	54	1.93					
PK	5.6418G	68.15	68.20	-0.05	6.86	3	Vertical	54	1.93					
PK	5.7822G	106.95	Inf	-Inf	7.14	3	Vertical	54	1.93					
PK	5.9262G	67.37	68.20	-0.83	8.00	3	Vertical	54	1.93	-	59.37	35.85	8.58	36.43

VHT80_Nss1_2TX

5775MHz_TX

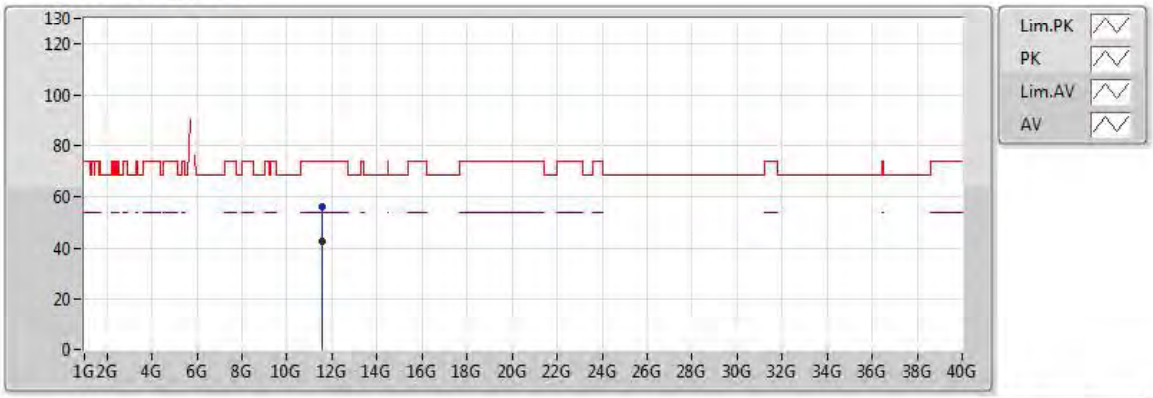


20170621
EUT Y_2TX
Setting 20
04-M-0
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	5.757G	96.90	Inf	-Inf	7.09	3	Horizontal	7	1.99					
PK	5.637G	68.14	68.20	-0.06	6.85	3	Horizontal	7	1.99					
PK	5.757G	106.95	Inf	-Inf	7.09	3	Horizontal	7	1.99					
PK	5.9358G	64.06	68.20	-4.14	8.06	3	Horizontal	7	1.99	-	56.00	35.88	8.61	36.43

VHT80_Nss1_2TX

5775MHz_TX

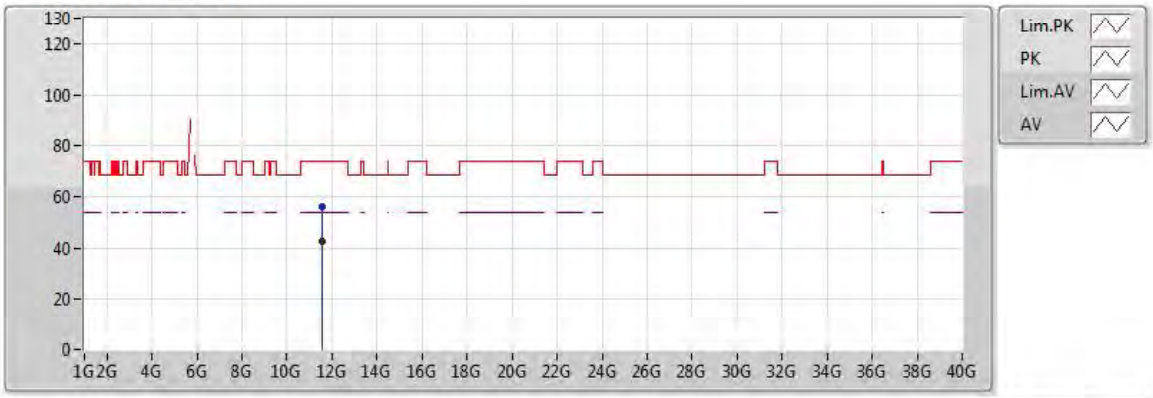


20170622
EUT Y_2TX
Setting 20
04-R-2
FSP(100056)

Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5641G	42.78	54.00	-11.22	16.17	3	Vertical	244	1.61					
PK	11.5631G	55.90	74.00	-18.10	16.17	3	Vertical	244	1.61	-	39.73	39.33	11.86	35.02

VHT80_Nss1_2TX

5775MHz_TX



20170622
EUT Y_2TX
Setting 20
04-R-2
FSP(100056)

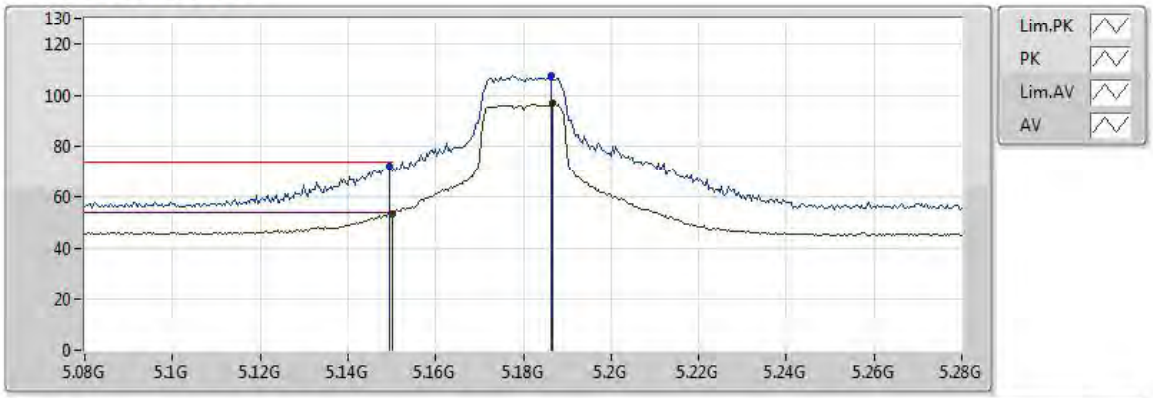
Type	Freq	Level	Limit	Margin	Factor	Dist	Condition	Azimuth	Height					
	(Hz)	(dBuV/m)	(dBuV/m)	(dB)	(dB)	(m)		(°)	(m)					
AV	11.5444G	42.63	54.00	-11.37	16.16	3	Horizontal	33	1.93					
PK	11.5592G	55.76	74.00	-18.24	16.17	3	Horizontal	33	1.93	-	39.60	39.33	11.86	35.02

<For Beamforming Mode>
Summary

Mode	Result	Type	Freq (Hz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Dist (m)	Pol. (H/V)	Azimuth (°)	Height (m)	Comments
802.11ac VHT80-BF_Nss1,(MCS0)_2TX	-	-	-	-	-	-	-	-	-	-	-	-
5.15-5.25GHz	Pass	AV	5.149995G	53.99	54.00	-0.01	5.31	3	H	356	2.15	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

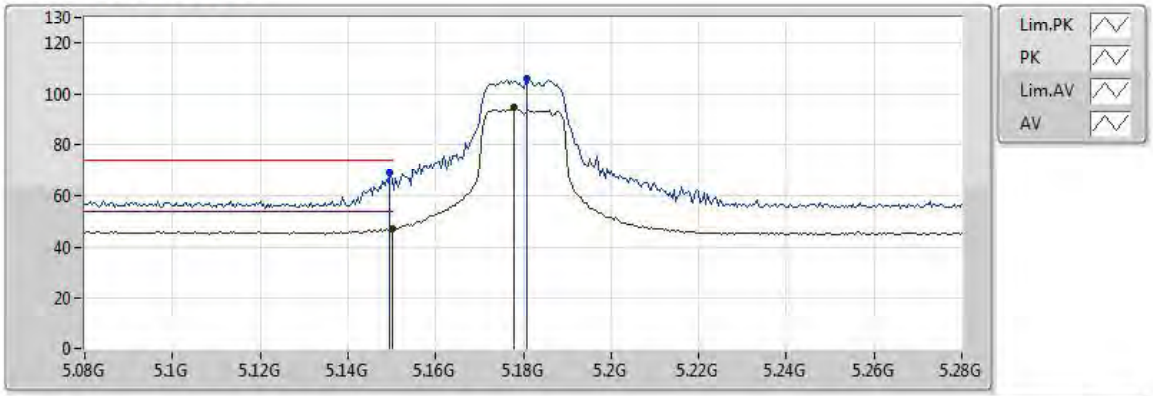


20170622
EUT Y_2TX
Setting 18
04-E-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.51	54.00	-0.49	5.31	3	V	344	1.51	-
AV	5.1868G	96.91	Inf	-Inf	5.44	3	V	344	1.51	-
PK	5.1496G	72.56	74.00	-1.44	5.31	3	V	344	1.51	-
PK	5.1864G	107.59	Inf	-Inf	5.44	3	V	344	1.51	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

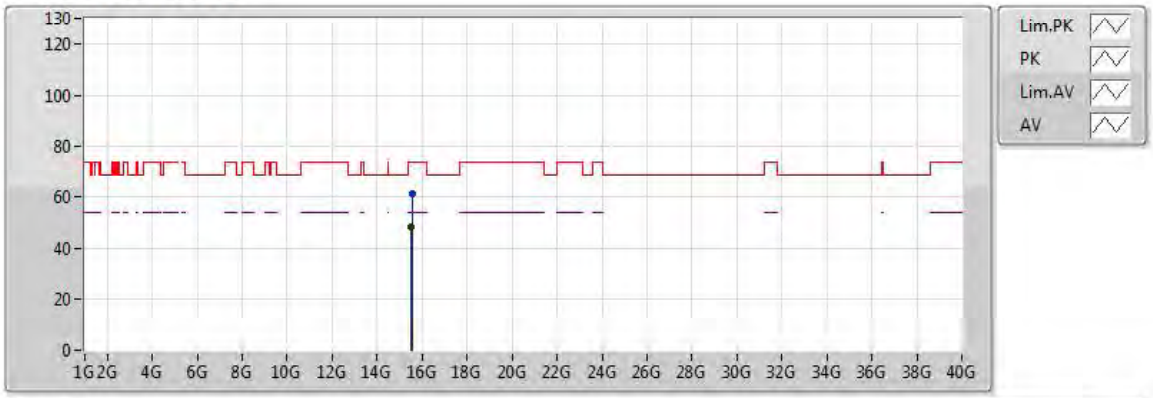


20170622
EUT Y_2TX
Setting 18
04-E-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	47.24	54.00	-6.76	5.31	3	H	35	2.32	-
AV	5.178G	94.53	Inf	-Inf	5.41	3	H	35	2.32	-
PK	5.1496G	68.83	74.00	-5.17	5.31	3	H	35	2.32	-
PK	5.1808G	106.10	Inf	-Inf	5.42	3	H	35	2.32	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

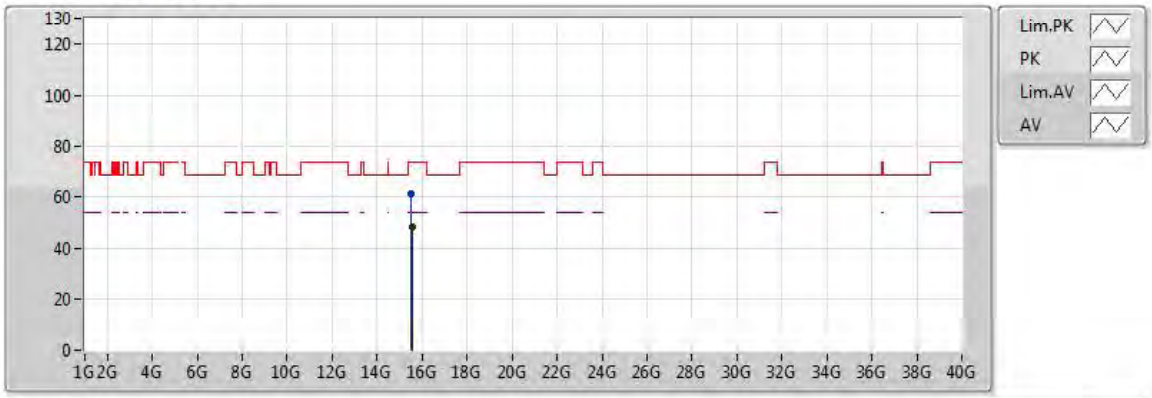


20170622
EUT Y_2TX
Setting 18
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.52524G	48.41	54.00	-5.59	17.79	3	V	315	1.50	-
PK	15.53796G	60.91	74.00	-13.09	17.80	3	V	315	1.50	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5180MHz_TX

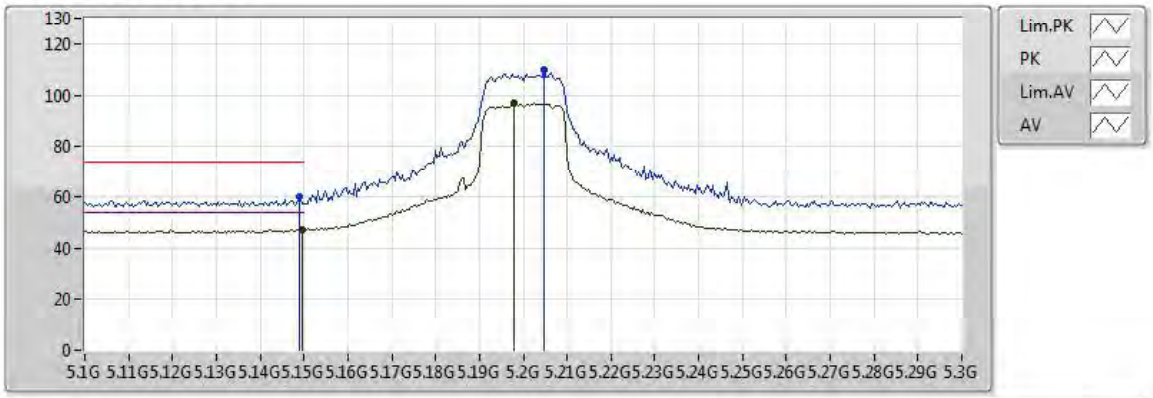


20170622
EUT Y_2TX
Setting 18
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.54978G	48.41	54.00	-5.59	17.81	3	H	107	2.08	-
PK	15.53388G	60.81	74.00	-13.19	17.79	3	H	107	2.08	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

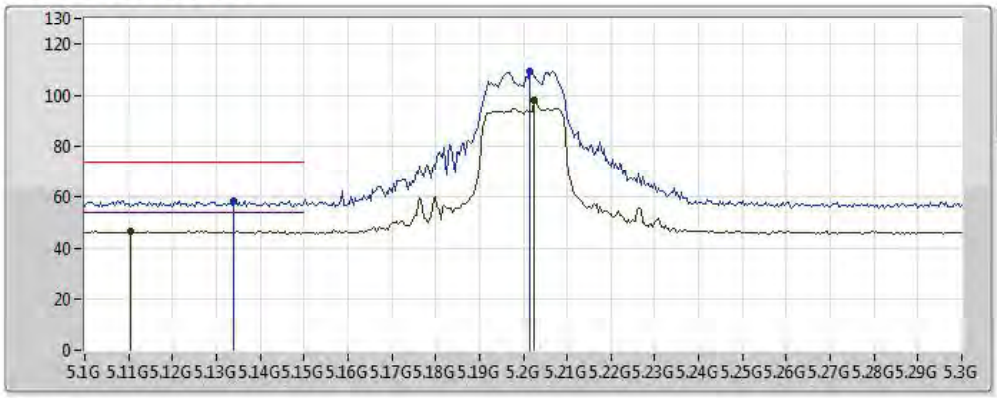


20170622
EUT Y_2TX
Setting 24
04-E-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1496G	46.94	54.00	-7.06	5.31	3	V	82	2.16	-
AV	5.198G	96.83	Inf	-Inf	5.48	3	V	82	2.16	-
PK	5.1488G	60.08	74.00	-13.92	5.31	3	V	82	2.16	-
PK	5.2048G	110.03	Inf	-Inf	5.50	3	V	82	2.16	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

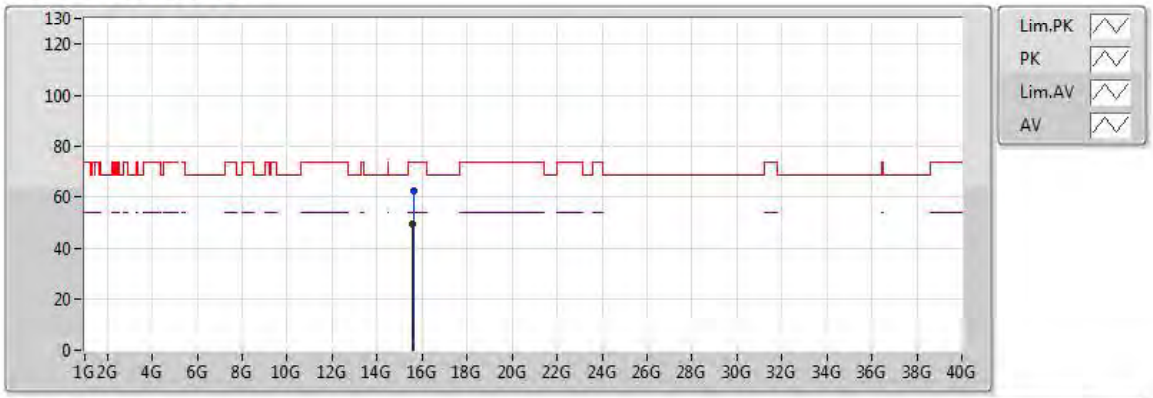


20170622
EUT Y_2TX
Setting 24
04-E-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1104G	46.72	54.00	-7.28	5.18	3	H	22	1.48	-
AV	5.2024G	98.10	Inf	-Inf	5.49	3	H	22	1.48	-
PK	5.134G	58.55	74.00	-15.45	5.26	3	H	22	1.48	-
PK	5.2016G	109.50	Inf	-Inf	5.49	3	H	22	1.48	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

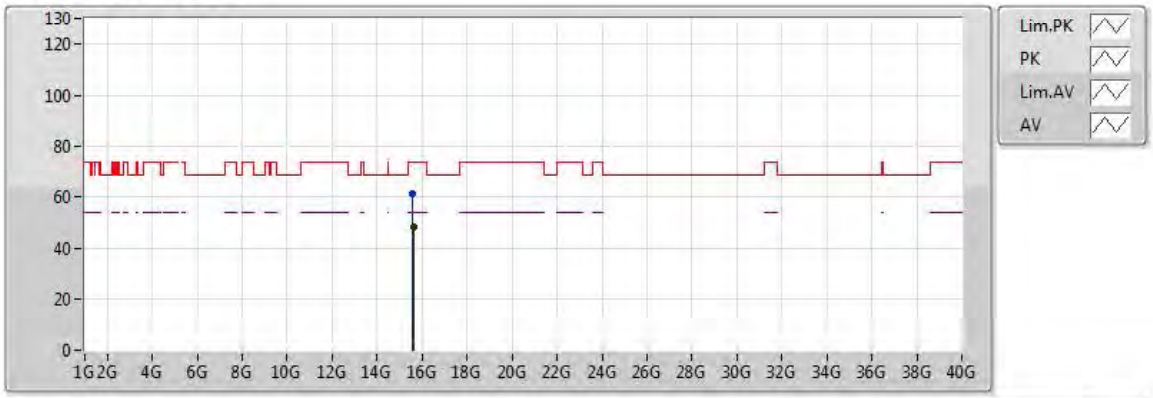


20170622
EUT Y_2TX
Setting 24
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.59958G	49.26	54.00	-4.74	17.85	3	V	72	1.43	-
PK	15.60227G	62.09	74.00	-11.91	17.85	3	V	72	1.43	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5200MHz_TX

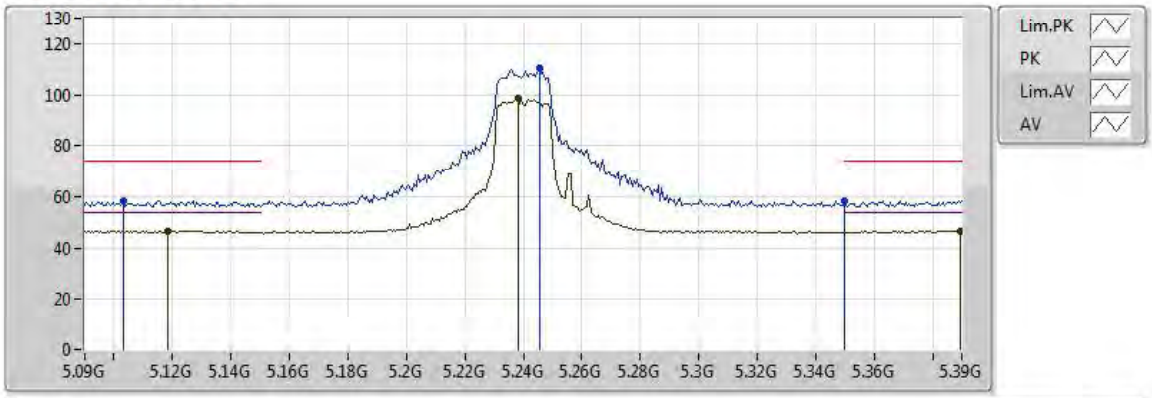


20170622
EUT Y_2TX
Setting 24
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.61212G	48.31	54.00	-5.69	17.86	3	H	13	1.53	-
PK	15.59478G	61.09	74.00	-12.91	17.84	3	H	13	1.53	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

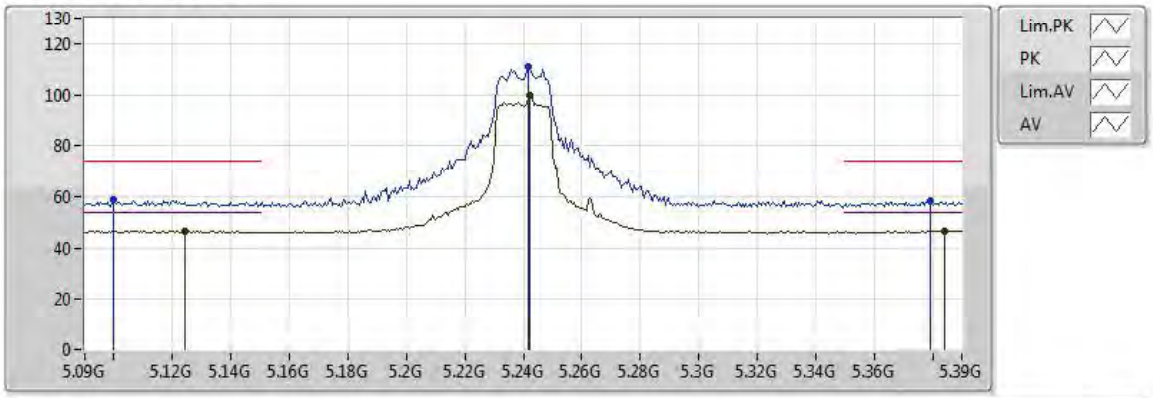


20170622
EUT Y_2TX
Setting 24
04-E-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1182G	46.75	54.00	-7.25	5.20	3	V	23	1.49	-
AV	5.2382G	98.40	Inf	-Inf	5.53	3	V	23	1.49	-
AV	5.3894G	46.74	54.00	-7.26	5.69	3	V	23	1.49	-
PK	5.1032G	58.27	74.00	-15.73	5.15	3	V	23	1.49	-
PK	5.2454G	110.26	Inf	-Inf	5.54	3	V	23	1.49	-
PK	5.350005G	58.44	74.00	-15.56	5.65	3	V	23	1.49	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

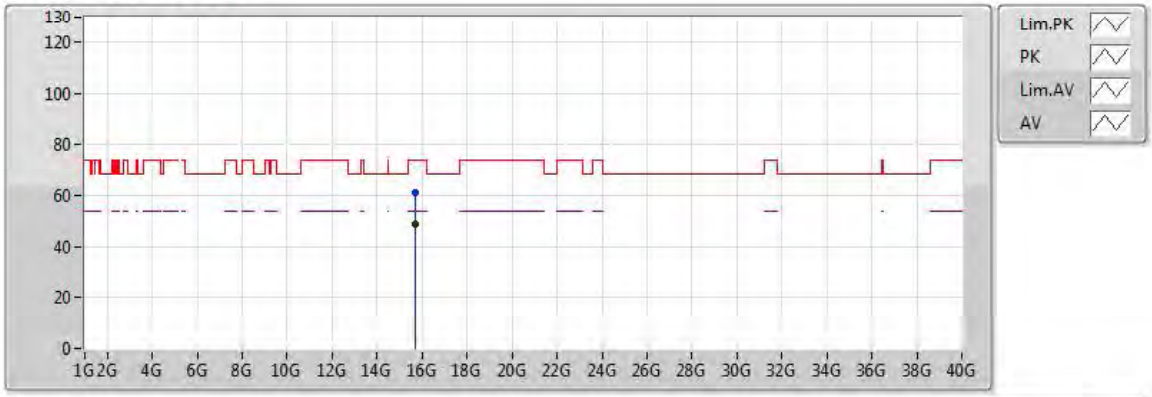


20170622
EUT Y_2TX
Setting 24
04-E-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1242G	46.63	54.00	-7.37	5.22	3	H	22	1.72	-
AV	5.2424G	99.97	Inf	-Inf	5.54	3	H	22	1.72	-
AV	5.384G	46.78	54.00	-7.22	5.68	3	H	22	1.72	-
PK	5.0996G	58.64	74.00	-15.36	5.14	3	H	22	1.72	-
PK	5.2418G	110.81	Inf	-Inf	5.54	3	H	22	1.72	-
PK	5.3792G	58.53	74.00	-15.47	5.68	3	H	22	1.72	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

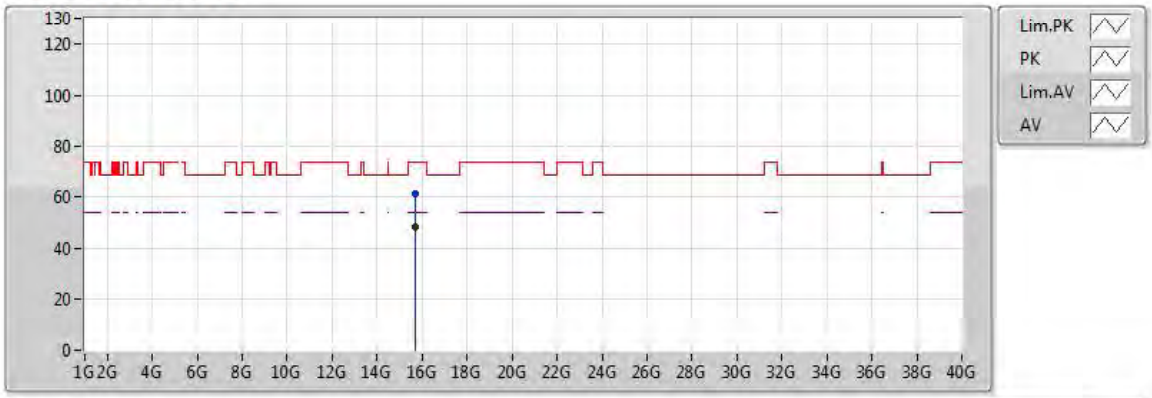


20170622
EUT Y_2TX
Setting 24
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71544G	48.53	54.00	-5.47	17.94	3	V	196	1.53	-
PK	15.72576G	60.91	74.00	-13.09	17.95	3	V	196	1.53	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5240MHz_TX

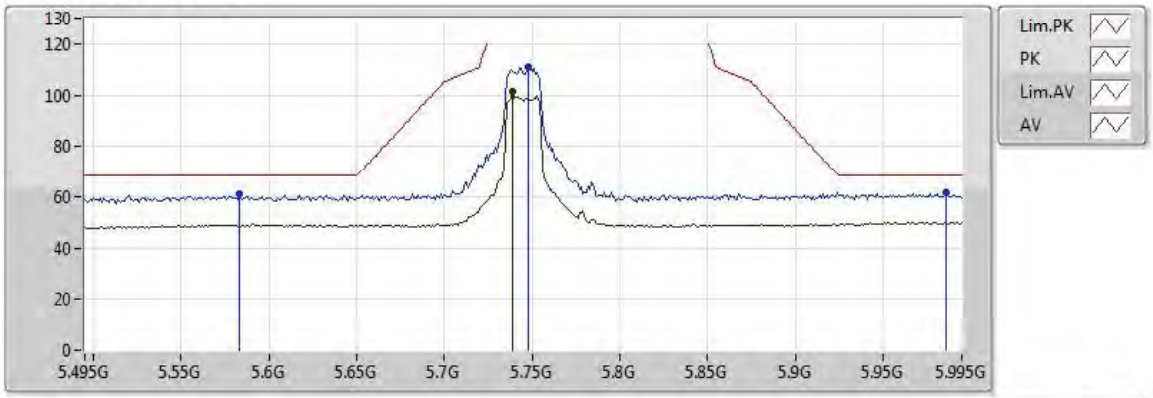


20170622
EUT Y_2TX
Setting 24
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.71004G	48.45	54.00	-5.55	17.94	3	H	351	2.01	-
PK	15.71256G	60.81	74.00	-13.19	17.94	3	H	351	2.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

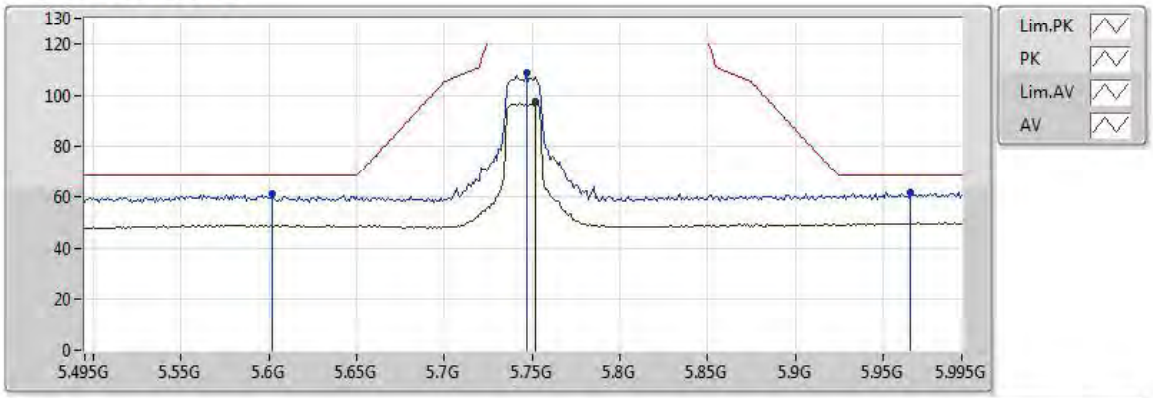


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.739G	101.68	Inf	-Inf	7.05	3	V	60	1.05	-
PK	5.583G	61.00	68.20	-7.20	6.67	3	V	60	1.05	-
PK	5.748G	110.78	Inf	-Inf	7.07	3	V	60	1.05	-
PK	5.986G	61.71	68.20	-6.49	8.39	3	V	60	1.05	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

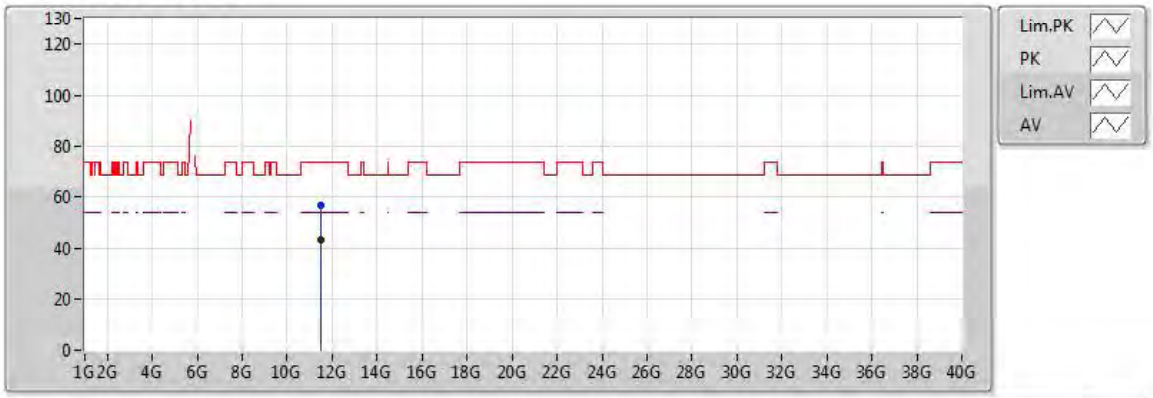


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.752G	97.39	Inf	-Inf	7.08	3	H	308	1.01	-
PK	5.602G	61.31	68.20	-6.89	6.78	3	H	308	1.01	-
PK	5.747G	108.44	Inf	-Inf	7.07	3	H	308	1.01	-
PK	5.966G	61.61	68.20	-6.59	8.26	3	H	308	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

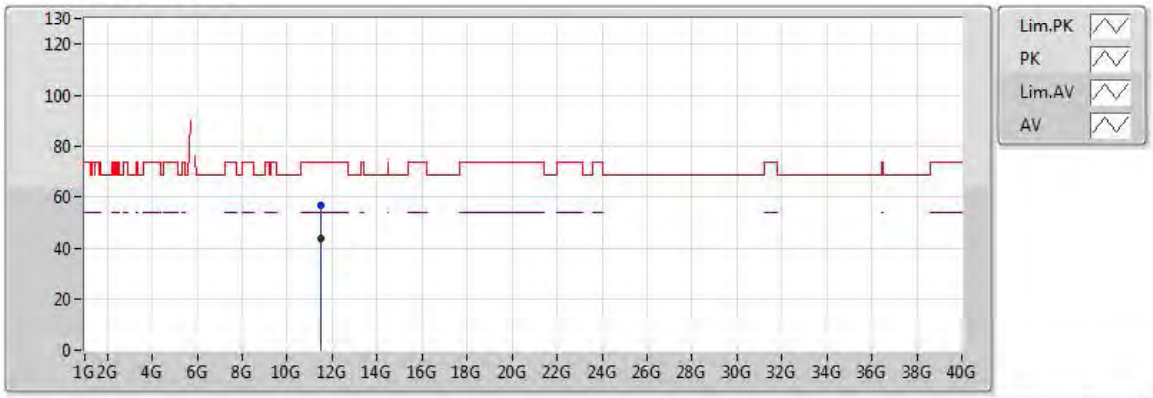


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.477[illegible]G	43.26	54.00	-10.74	16.12	3	V	216	1.13	-
PK	11.4804G	56.58	74.00	-17.42	16.12	3	V	216	1.13	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5745MHz_TX

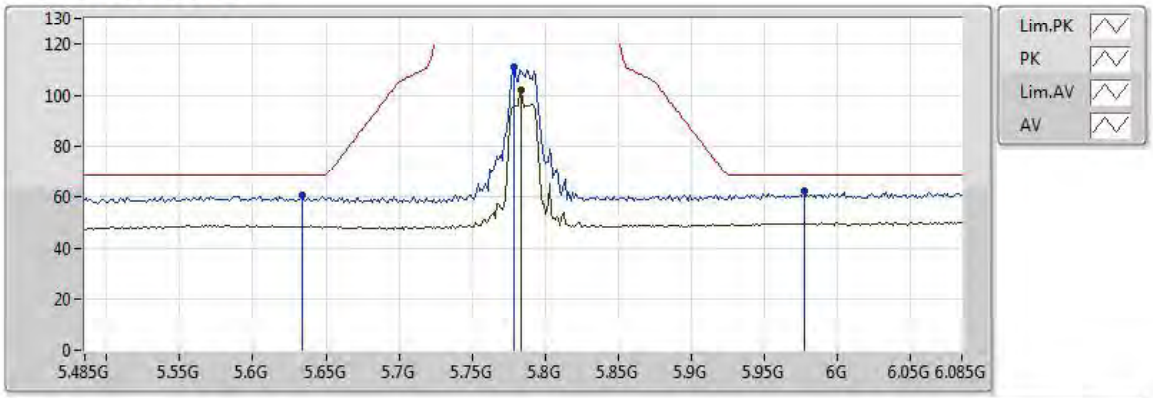


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.47944G	43.63	54.00	-10.37	16.12	3	H	199	1.84	-
PK	11.47992G	56.35	74.00	-17.65	16.12	3	H	199	1.84	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

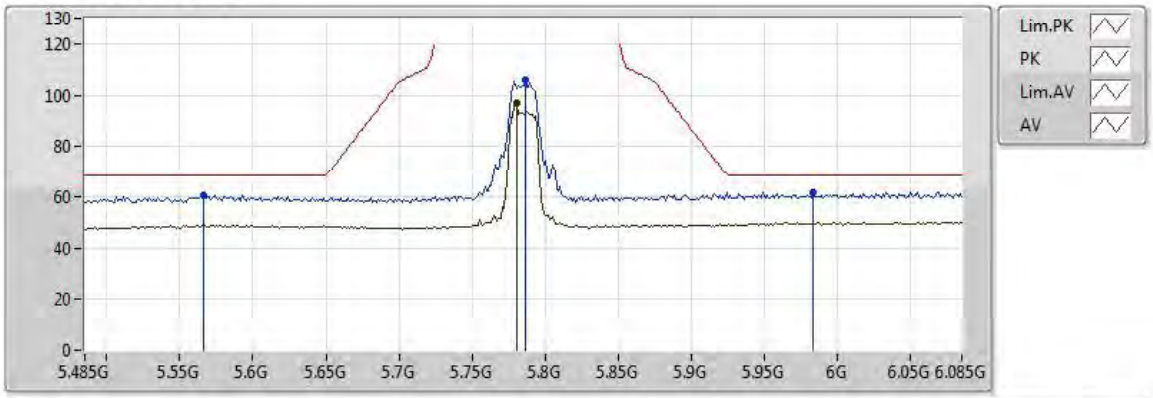


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7838G	101.71	Inf	-Inf	7.15	3	V	45	1.03	-
PK	5.6338G	60.37	68.20	-7.83	6.84	3	V	45	1.03	-
PK	5.779G	111.09	Inf	-Inf	7.14	3	V	45	1.03	-
PK	5.977G	62.01	68.20	-6.19	8.33	3	V	45	1.03	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

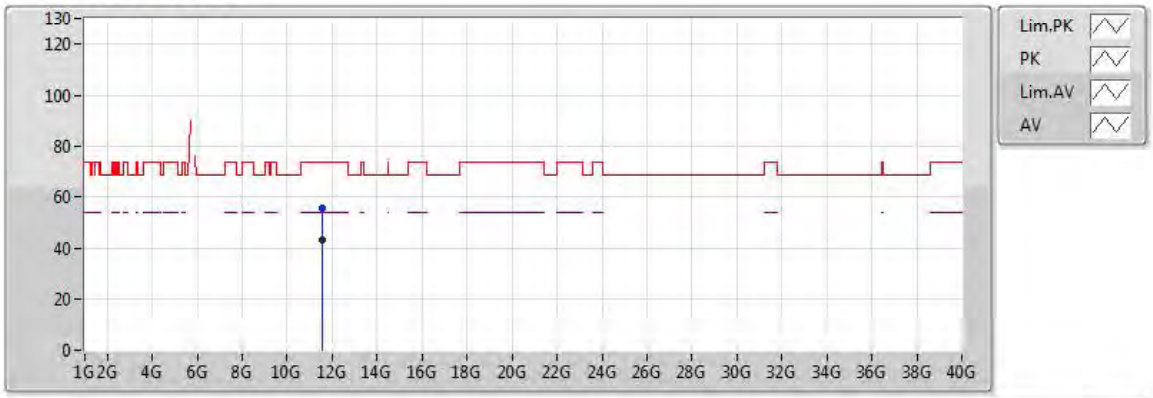


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7802G	96.71	Inf	-Inf	7.14	3	H	343	1.01	-
PK	5.5666G	60.79	68.20	-7.41	6.57	3	H	343	1.01	-
PK	5.7862G	105.83	Inf	-Inf	7.15	3	H	343	1.01	-
PK	5.983G	61.59	68.20	-6.61	8.37	3	H	343	1.01	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

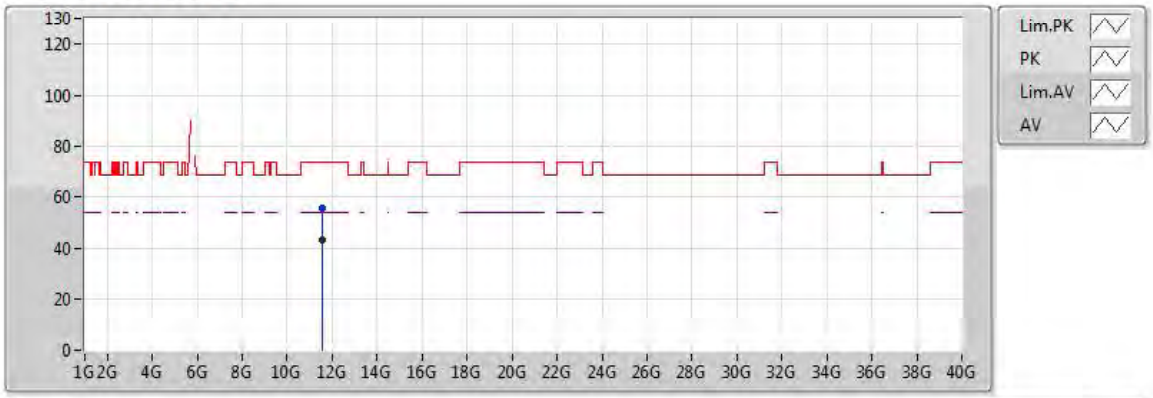


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.57558G	43.13	54.00	-10.87	16.18	3	V	51	1.07	-
PK	11.57186G	55.59	74.00	-18.41	16.18	3	V	51	1.07	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5785MHz_TX

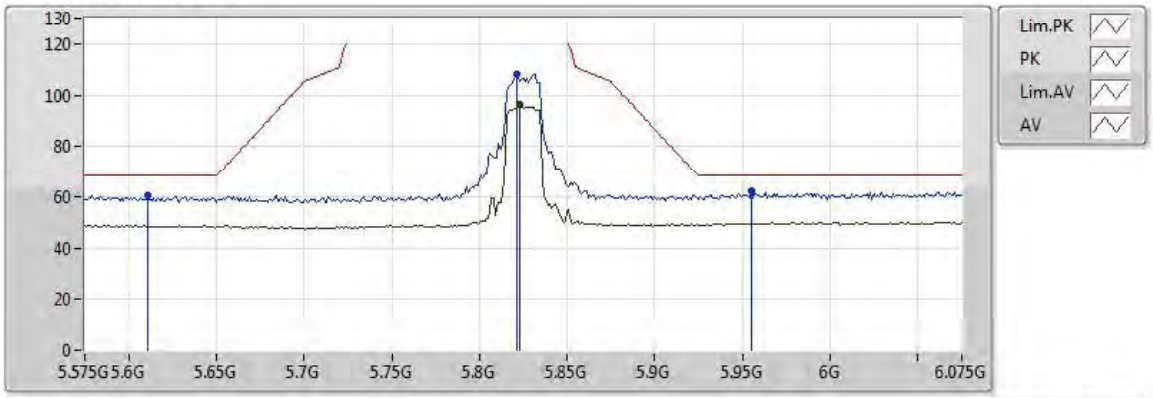


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55794G	43.11	54.00	-10.89	16.17	3	H	290	2.19	-
PK	11.56604G	55.47	74.00	-18.53	16.17	3	H	290	2.19	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

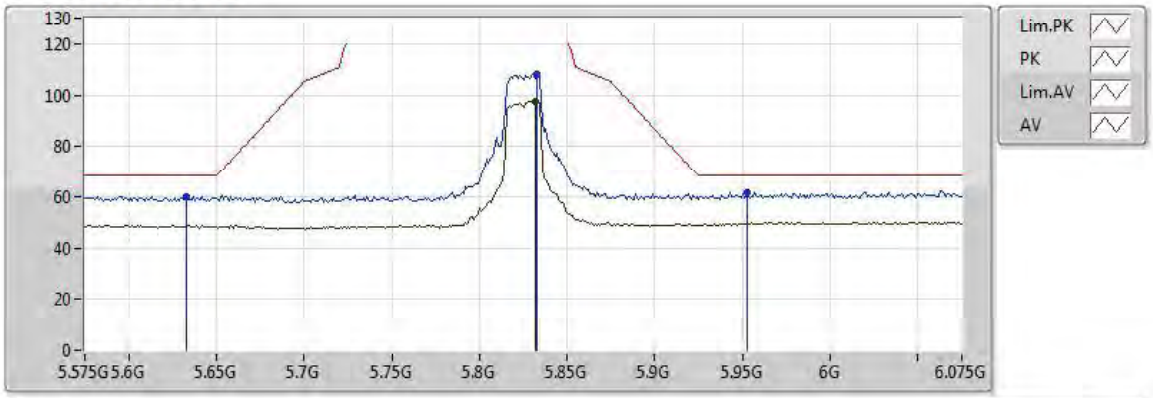


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.823G	96.39	Inf	-Inf	7.33	3	V	316	1.00	-
PK	5.611G	60.35	68.20	-7.85	6.80	3	V	316	1.00	-
PK	5.821G	108.21	Inf	-Inf	7.32	3	V	316	1.00	-
PK	5.955G	61.93	68.20	-6.27	8.19	3	V	316	1.00	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

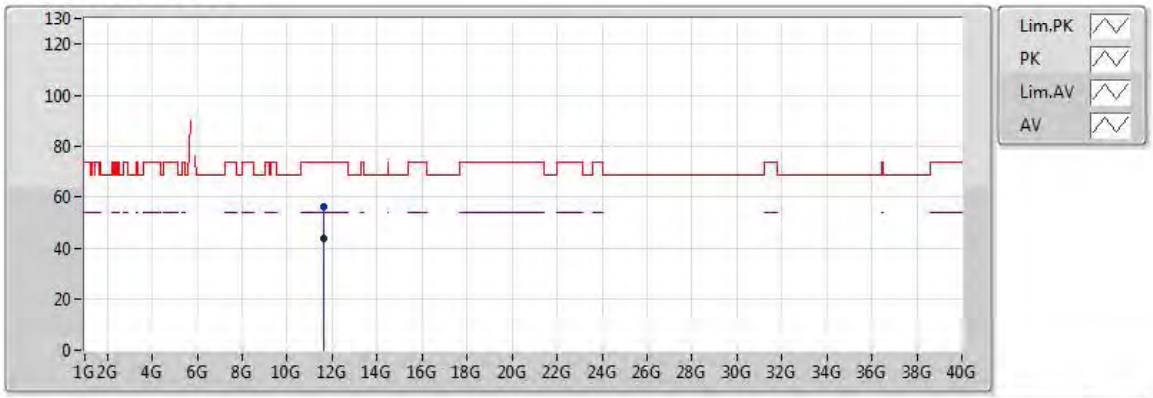


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.832G	97.77	Inf	-Inf	7.39	3	H	360	1.86	-
PK	5.633G	60.12	68.20	-8.08	6.84	3	H	360	1.86	-
PK	5.833G	108.03	Inf	-Inf	7.39	3	H	360	1.86	-
PK	5.953G	61.61	68.20	-6.59	8.17	3	H	360	1.86	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

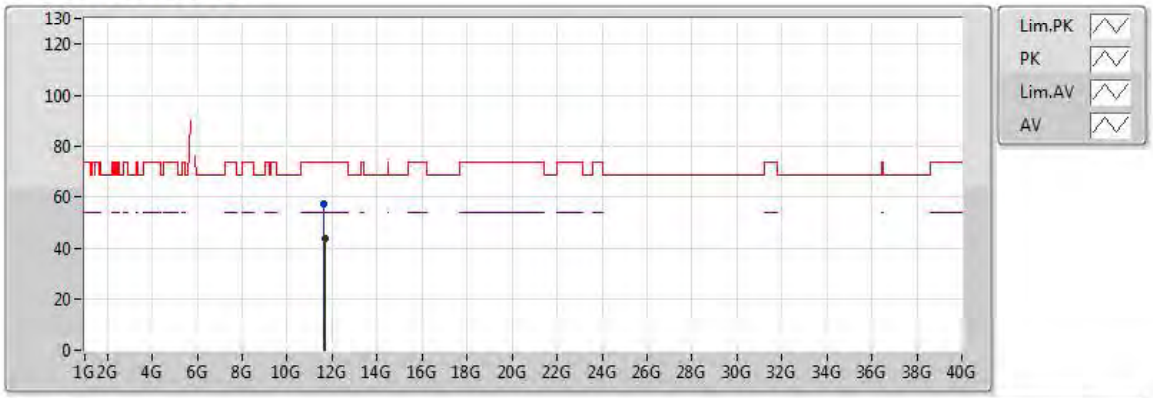


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.64028G	43.70	54.00	-10.30	16.22	3	V	327	1.82	-
PK	11.6548G	56.16	74.00	-17.84	16.23	3	V	327	1.82	-

802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5825MHz_TX

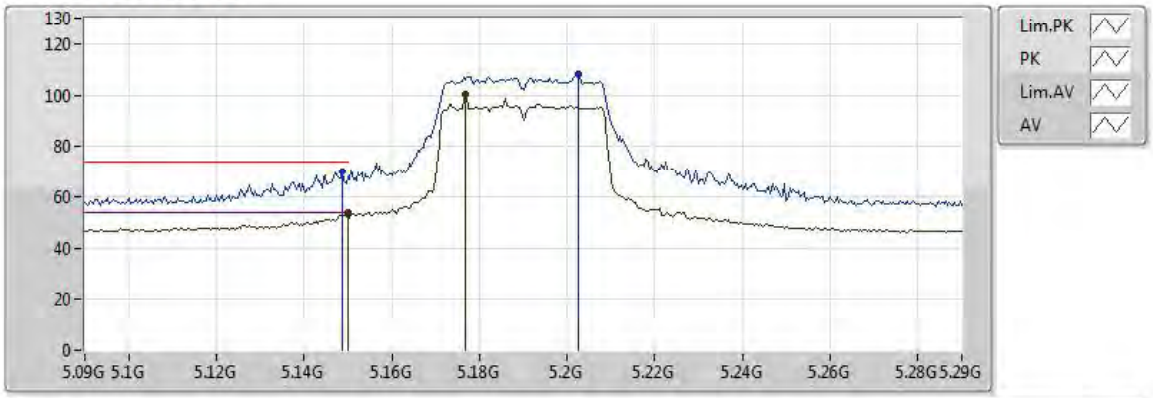


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.66092G	43.62	54.00	-10.38	16.24	3	H	99	2.06	-
PK	11.63608G	56.96	74.00	-17.04	16.22	3	H	99	2.06	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

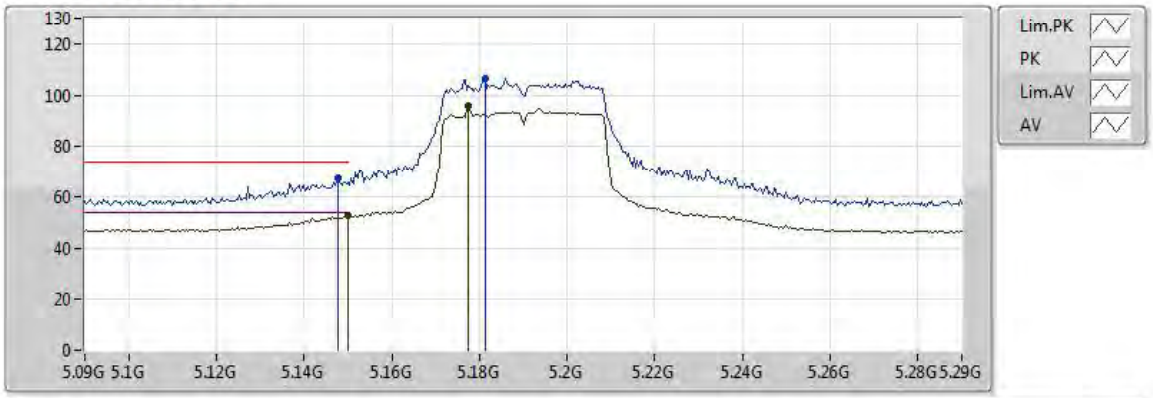


20170622
EUT Y_2TX
Setting 18
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.93	54.00	-0.07	5.31	3	V	39	1.06	-
AV	5.1768G	100.46	Inf	-Inf	5.41	3	V	39	1.06	-
PK	5.1488G	69.87	74.00	-4.13	5.31	3	V	39	1.06	-
PK	5.2024G	108.22	Inf	-Inf	5.49	3	V	39	1.06	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

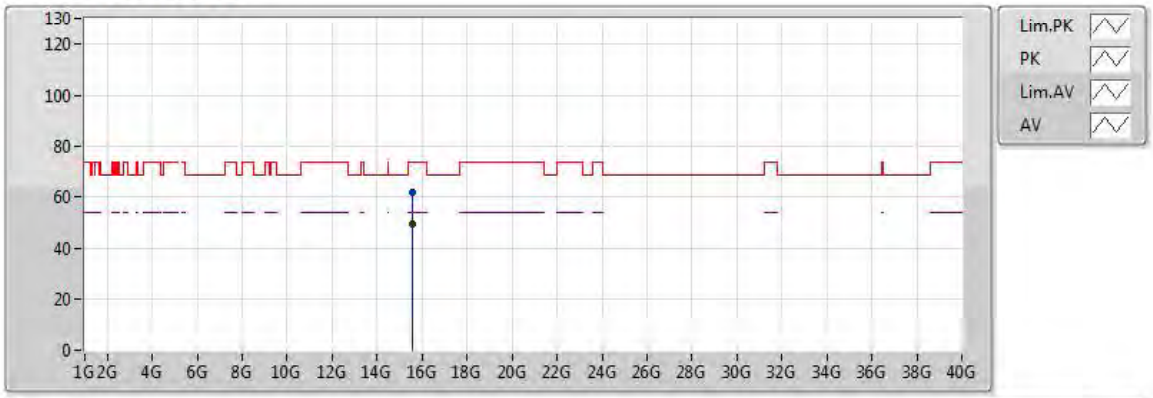


20170622
EUT Y_2TX
Setting 18
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	52.43	54.00	-1.57	5.31	3	H	49	1.85	-
AV	5.1776G	95.58	Inf	-Inf	5.41	3	H	49	1.85	-
PK	5.1476G	67.25	74.00	-6.75	5.31	3	H	49	1.85	-
PK	5.1812G	106.57	Inf	-Inf	5.42	3	H	49	1.85	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

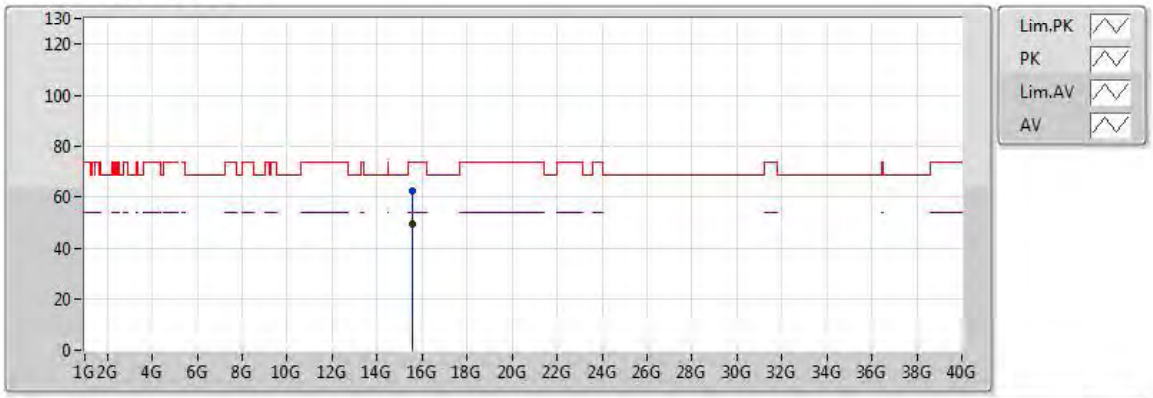


20170623
EUT Y_2TX
Setting 18
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.5677G	49.16	54.00	-4.84	17.82	3	V	332	1.79	-
PK	15.5715G	61.54	74.00	-12.46	17.82	3	V	332	1.79	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5190MHz_TX

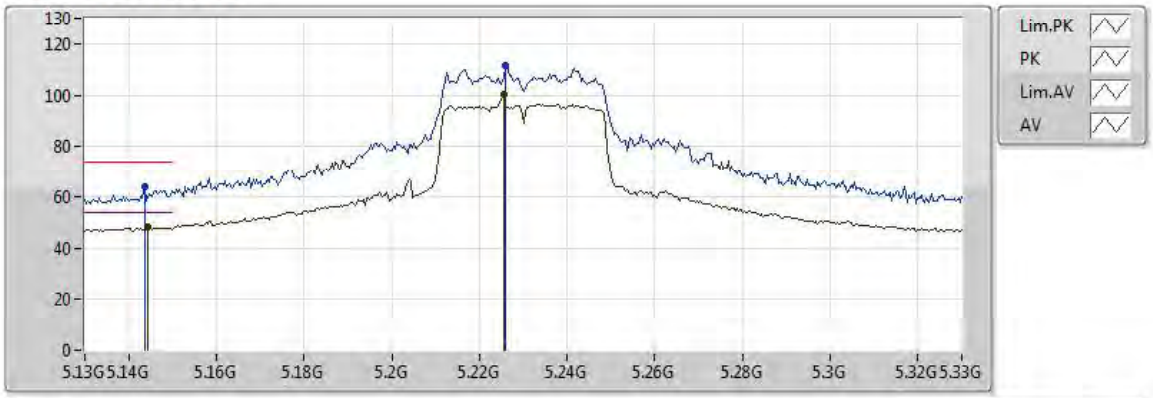


20170623
EUT Y_2TX
Setting 18
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.57084G	49.05	54.00	-4.95	17.82	3	H	250	2.07	-
PK	15.56934G	62.05	74.00	-11.95	17.82	3	H	250	2.07	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

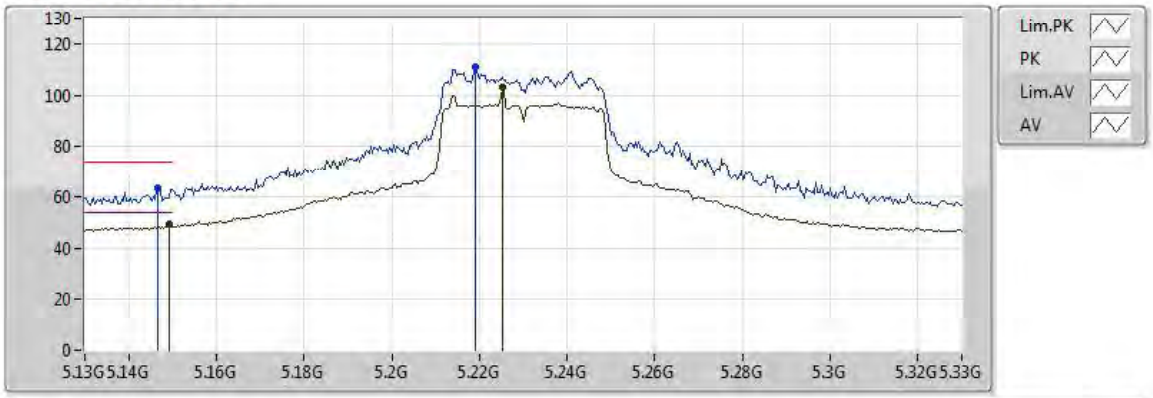


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1444G	48.01	54.00	-5.99	5.30	3	V	47	1.66	-
AV	5.2256G	100.44	Inf	-Inf	5.52	3	V	47	1.66	-
PK	5.1436G	63.75	74.00	-10.25	5.29	3	V	47	1.66	-
PK	5.226G	111.73	Inf	-Inf	5.52	3	V	47	1.66	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

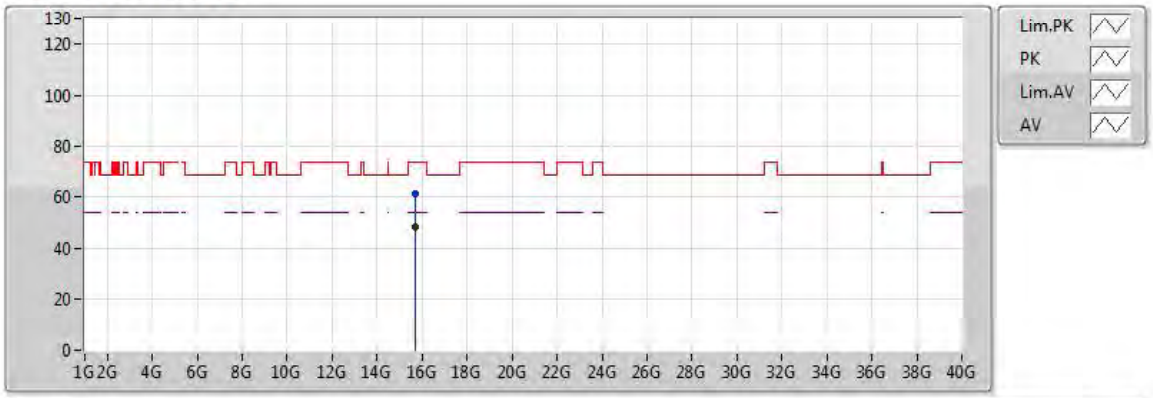


20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1492G	49.19	54.00	-4.81	5.31	3	H	25	2.50	-
AV	5.2252G	102.93	Inf	-Inf	5.52	3	H	25	2.50	-
PK	5.1468G	63.34	74.00	-10.66	5.30	3	H	25	2.50	-
PK	5.2192G	111.02	Inf	-Inf	5.51	3	H	25	2.50	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

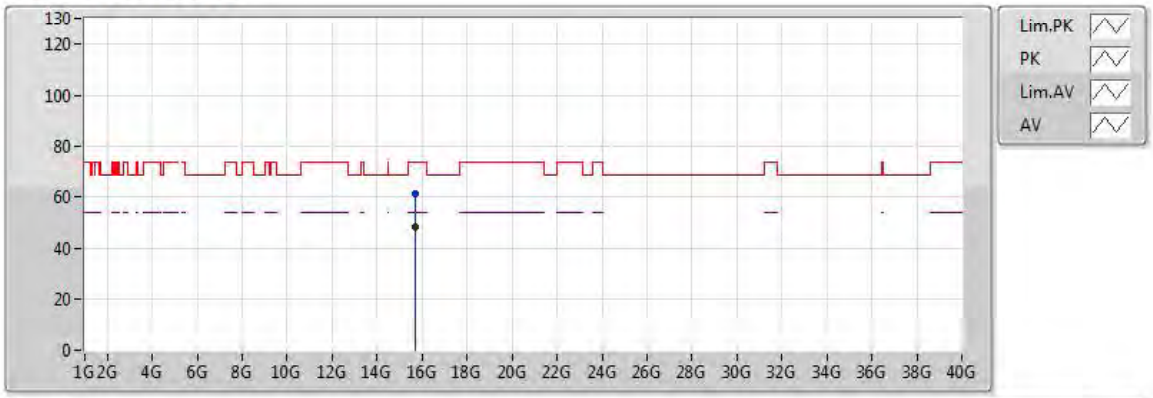


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.69828G	48.11	54.00	-5.89	17.93	3	V	308	1.43	-
PK	15.68622G	60.96	74.00	-13.04	17.92	3	V	308	1.43	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5230MHz_TX

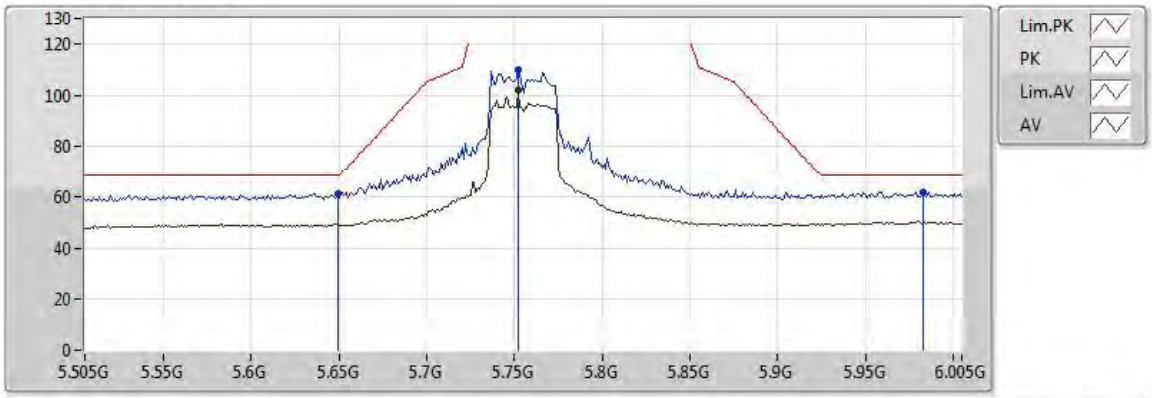


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.67524G	48.36	54.00	-5.64	17.91	3	H	71	2.37	-
PK	15.68934G	61.05	74.00	-12.95	17.92	3	H	71	2.37	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

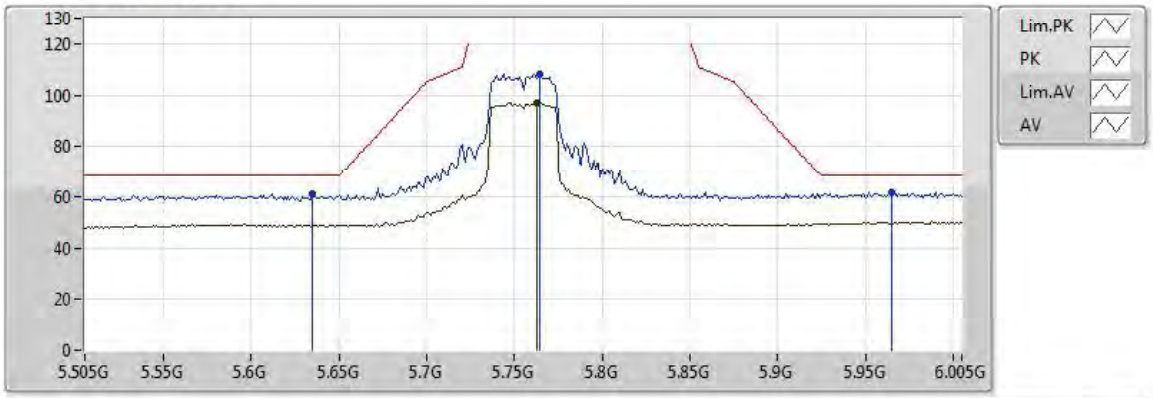


20170623
EUT Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.752G	101.79	Inf	-Inf	7.08	3	V	50	1.85	-
PK	5.649G	61.02	68.20	-7.18	6.87	3	V	50	1.85	-
PK	5.752G	109.94	Inf	-Inf	7.08	3	V	50	1.85	-
PK	5.983G	61.84	68.20	-6.36	8.37	3	V	50	1.85	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

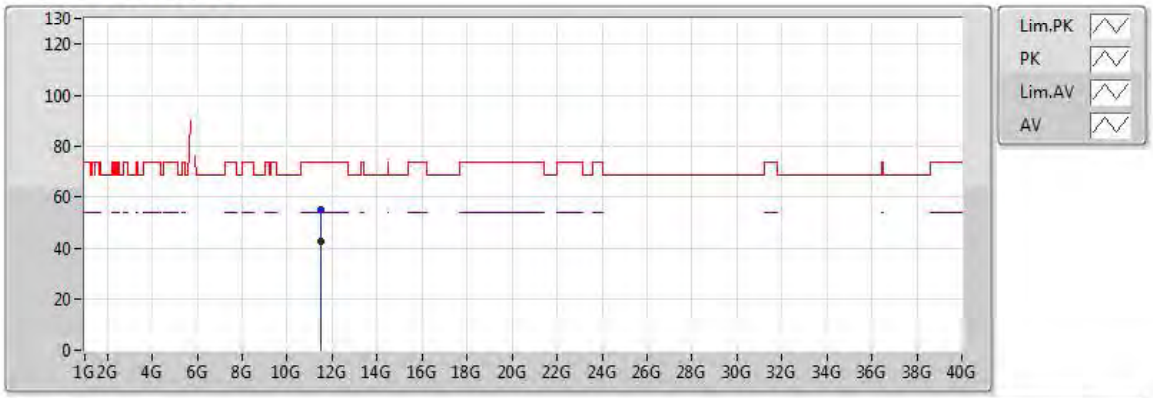


20170623
EUT Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.763G	97.01	Inf	-Inf	7.10	3	H	4	2.11	-
PK	5.635G	60.98	68.20	-7.22	6.85	3	H	4	2.11	-
PK	5.764G	108.34	Inf	-Inf	7.10	3	H	4	2.11	-
PK	5.965G	61.90	68.20	-6.30	8.25	3	H	4	2.11	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

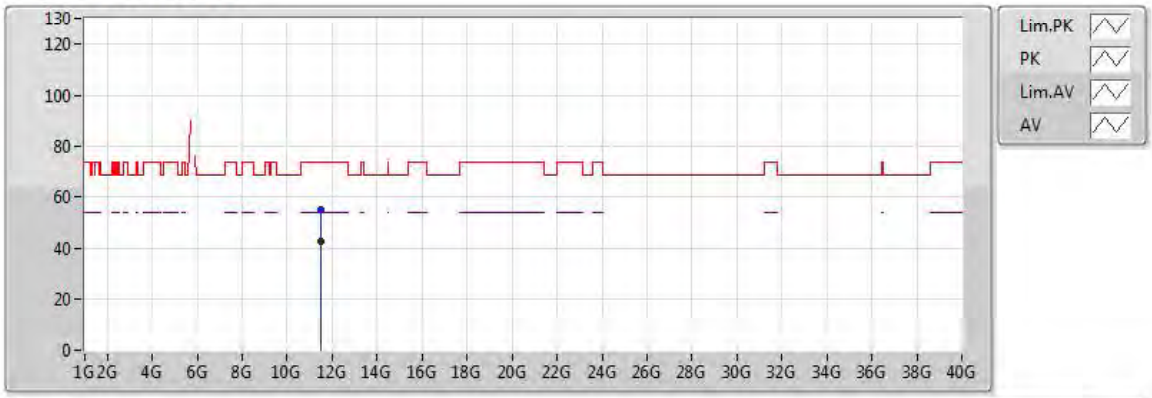


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.50082G	42.64	54.00	-11.36	16.13	3	V	246	1.35	-
PK	11.49806G	55.00	74.00	-19.00	16.13	3	V	246	1.35	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5755MHz_TX

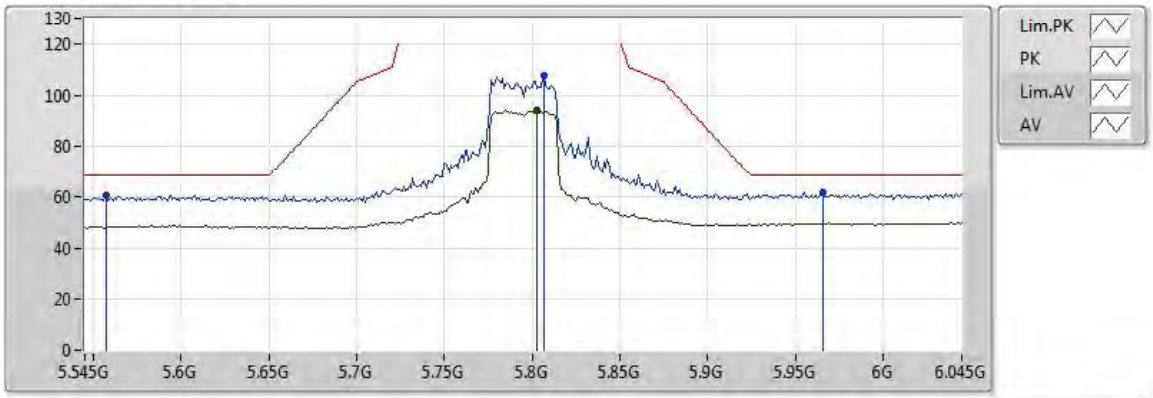


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.4962G	42.58	54.00	-11.42	16.13	3	H	3	1.77	-
PK	11.5103G	54.83	74.00	-19.17	16.14	3	H	3	1.77	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

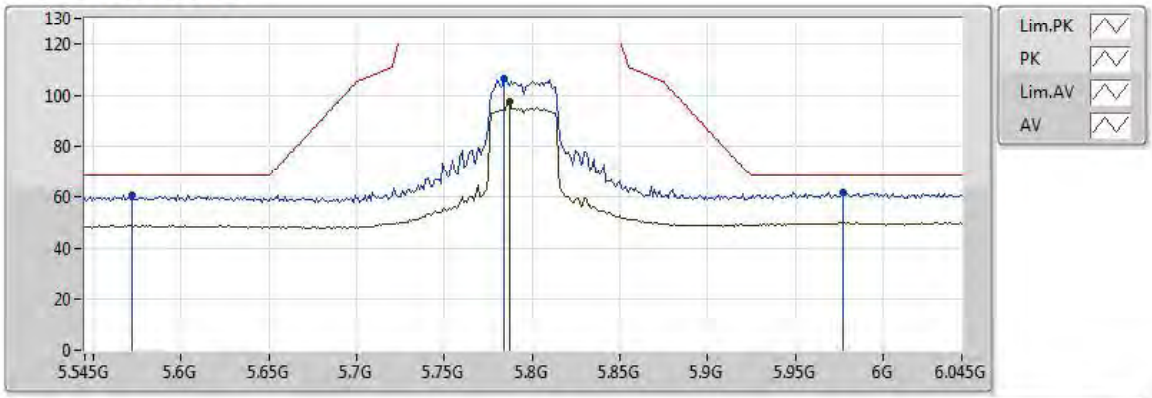


20170623
EUT Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.803G	94.29	Inf	-Inf	7.20	3	V	39	2.03	-
PK	5.557G	60.71	68.20	-7.49	6.51	3	V	39	2.03	-
PK	5.807G	107.31	Inf	-Inf	7.23	3	V	39	2.03	-
PK	5.966G	61.61	68.20	-6.59	8.26	3	V	39	2.03	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

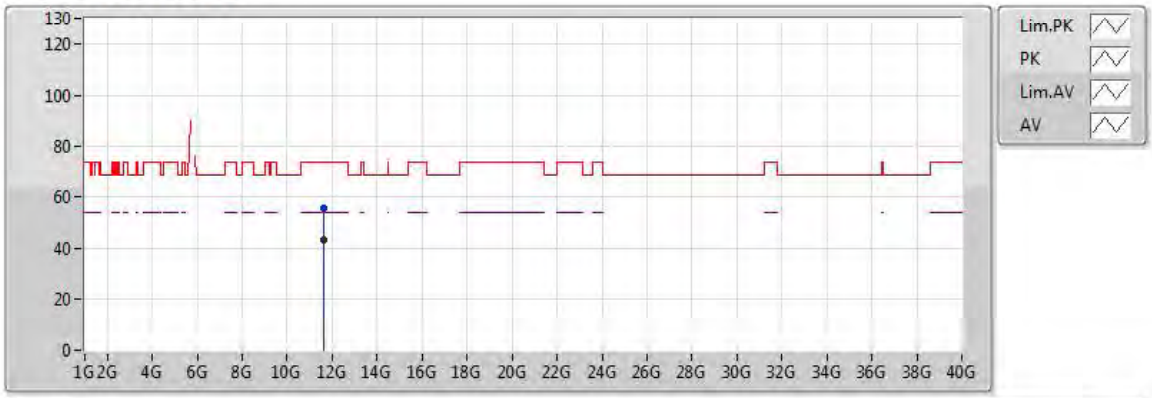


20170623
EUT Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.787G	97.34	Inf	-Inf	7.15	3	H	5	2.07	-
PK	5.572G	60.58	68.20	-7.62	6.61	3	H	5	2.07	-
PK	5.784G	106.55	Inf	-Inf	7.15	3	H	5	2.07	-
PK	5.977G	61.69	68.20	-6.51	8.33	3	H	5	2.07	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

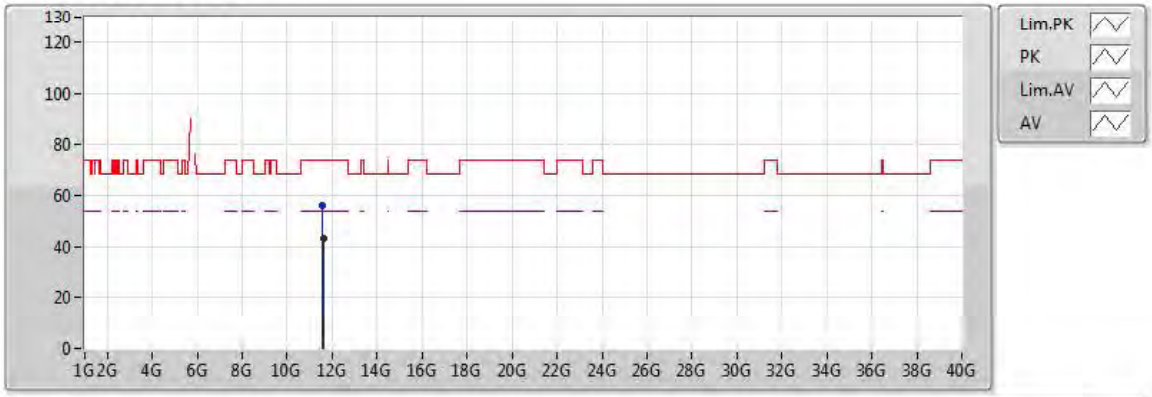


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.605G	43.32	54.00	-10.68	16.20	3	V	317	2.07	-
PK	11.6035G	55.54	74.00	-18.46	16.20	3	V	317	2.07	-

802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5795MHz_TX

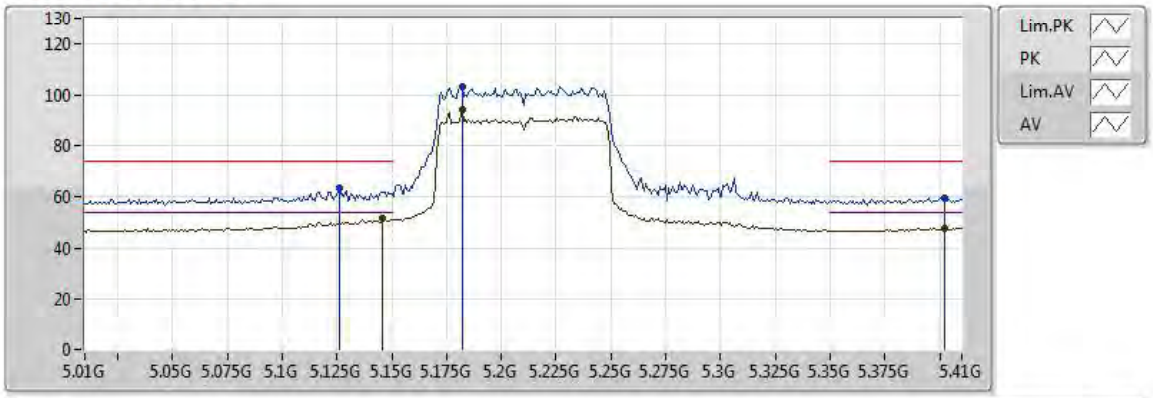


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.59876G	43.29	54.00	-10.71	16.20	3	H	278	2.24	-
PK	11.57668G	55.93	74.00	-18.07	16.18	3	H	278	2.24	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

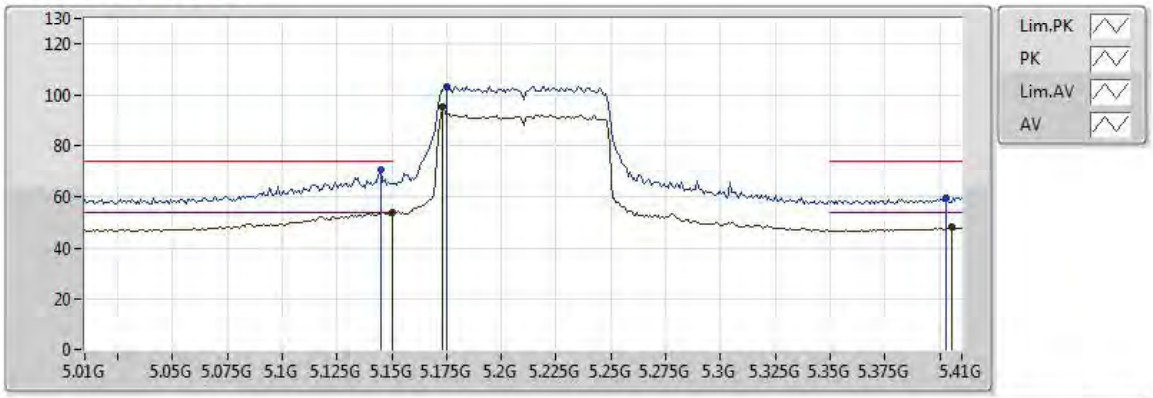


20170623
EUT Y_2TX
Setting 17
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.146G	51.55	54.00	-2.45	5.30	3	V	50	1.59	-
AV	5.182G	94.30	Inf	-Inf	5.43	3	V	50	1.59	-
AV	5.402G	47.68	54.00	-6.32	5.71	3	V	50	1.59	-
PK	5.126G	63.21	74.00	-10.79	5.23	3	V	50	1.59	-
PK	5.182G	103.09	Inf	-Inf	5.43	3	V	50	1.59	-
PK	5.402G	59.63	74.00	-14.37	5.71	3	V	50	1.59	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

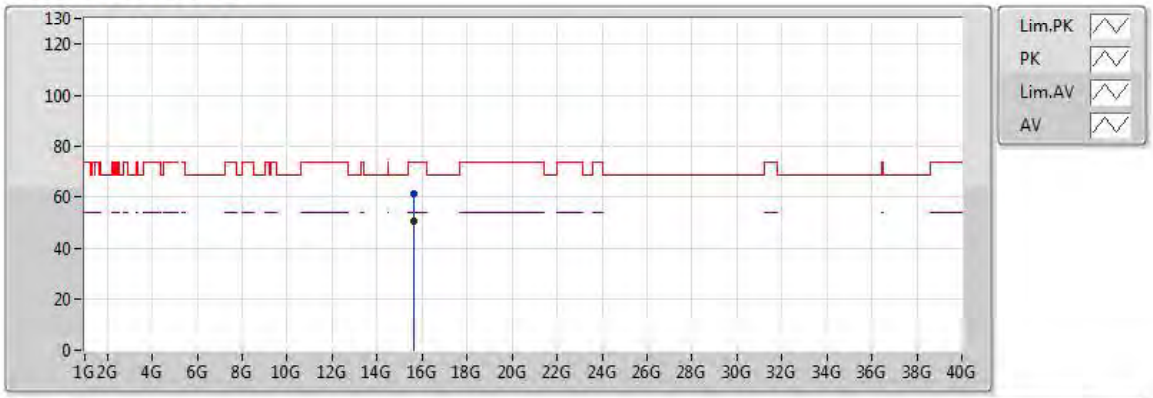


20170623
EUT Y_2TX
Setting 17
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.149995G	53.99	54.00	-0.01	5.31	3	H	356	2.15	-
AV	5.1732G	95.08	Inf	-Inf	5.40	3	H	356	2.15	-
AV	5.4052G	48.02	54.00	-5.98	5.72	3	H	356	2.15	-
PK	5.1452G	70.85	74.00	-3.15	5.30	3	H	356	2.15	-
PK	5.1748G	103.28	Inf	-Inf	5.40	3	H	356	2.15	-
PK	5.4028G	59.30	74.00	-14.70	5.71	3	H	356	2.15	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

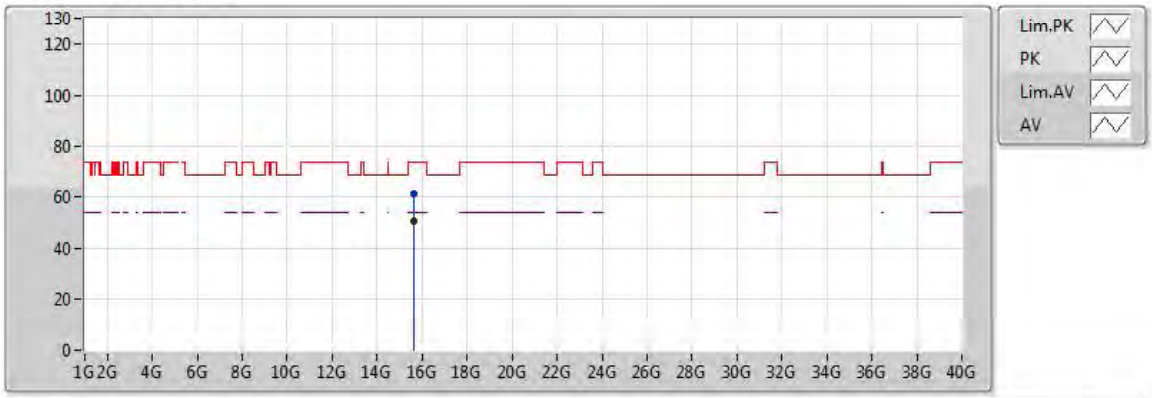


20170623
EUT Y_2TX
Setting 17
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62238G	50.39	54.00	-3.61	17.86	3	V	175	1.15	-
PK	15.63672G	61.24	74.00	-12.76	17.88	3	V	175	1.15	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5210MHz_TX

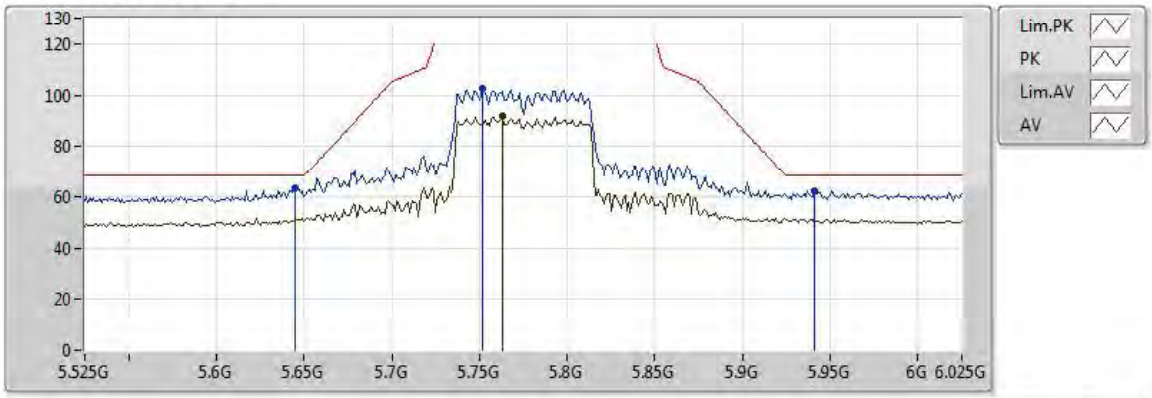


20170623
EUT Y_2TX
Setting 17
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.62244G	50.40	54.00	-3.60	17.86	3	H	130	2.05	-
PK	15.6333G	61.31	74.00	-12.69	17.87	3	H	130	2.05	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

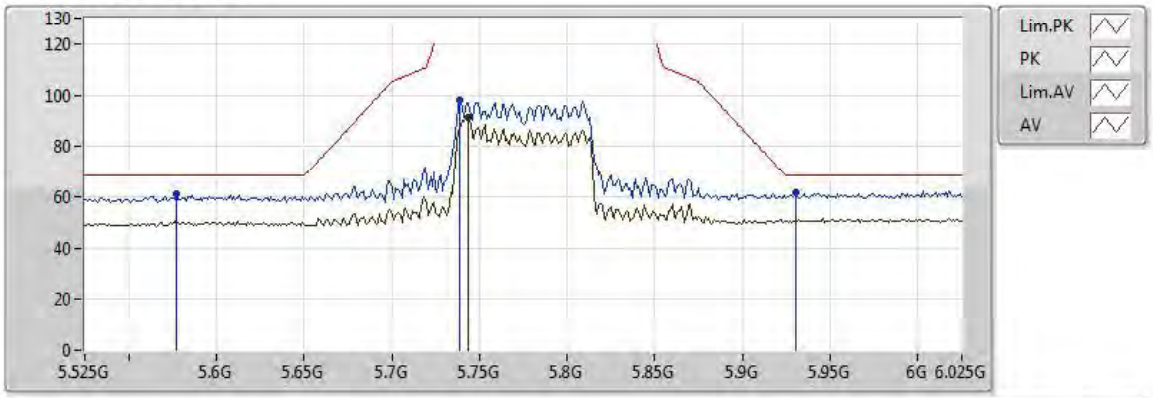


20170623
EUT Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.763G	91.64	Inf	-Inf	7.10	3	V	245	1.50	-
PK	5.645G	63.33	68.20	-4.87	6.87	3	V	245	1.50	-
PK	5.752G	102.36	Inf	-Inf	7.08	3	V	245	1.50	-
PK	5.941G	62.23	68.20	-5.97	8.10	3	V	245	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

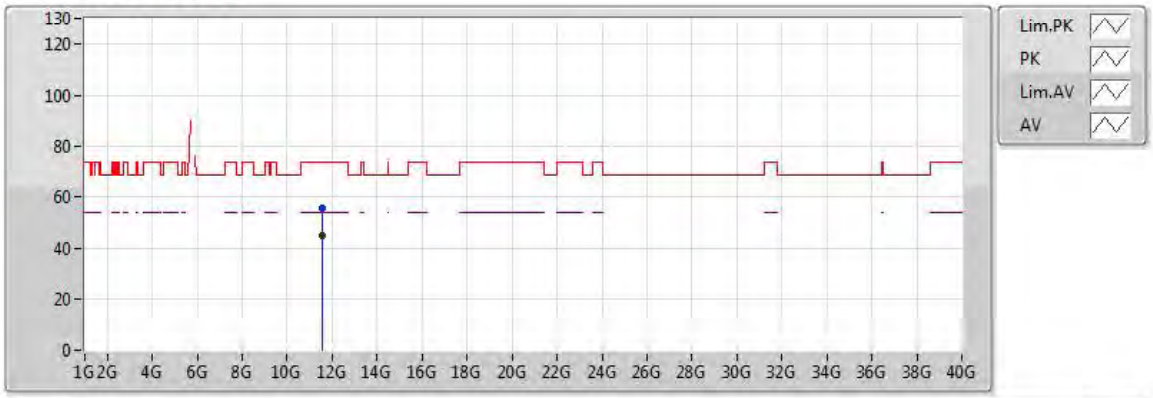


20170623
EUT Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.744G	91.47	Inf	-Inf	7.06	3	H	250	1.50	-
PK	5.577G	61.03	68.20	-7.17	6.64	3	H	250	1.50	-
PK	5.739G	98.17	Inf	-Inf	7.05	3	H	250	1.50	-
PK	5.93G	61.46	68.20	-6.74	8.02	3	H	250	1.50	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX

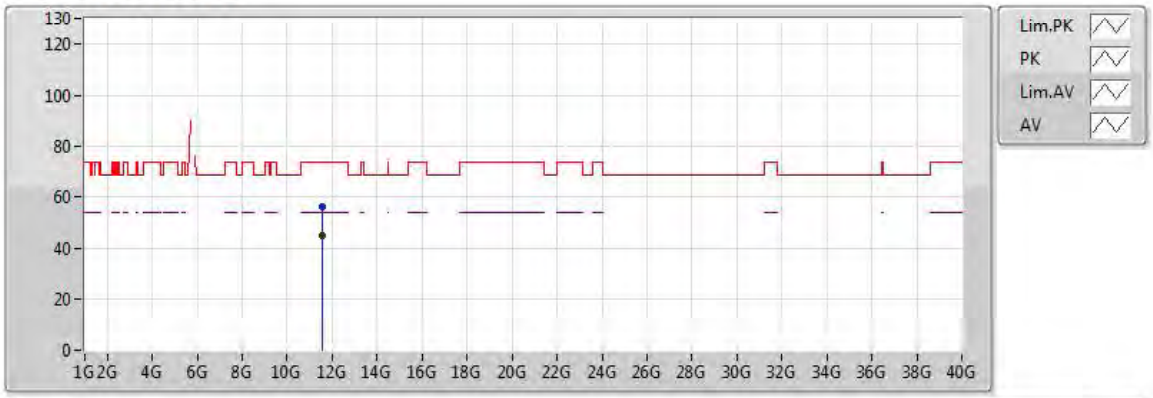


20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.56224G	44.85	54.00	-9.15	16.17	3	V	195	2.49	-
PK	11.55624G	55.21	74.00	-18.79	16.17	3	V	195	2.49	-

802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5775MHz_TX



20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.55006G	44.77	54.00	-9.23	16.16	3	H	175	1.08	-
PK	11.54808G	55.79	74.00	-18.21	16.16	3	H	175	1.08	-

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit
UNII Devices
▪ In-band emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.
LE-LAN Devices
▪ N/A
IEEE Std. 802.11
▪ The transmitter center frequency tolerance shall be ± 20 ppm maximum for the 5 GHz band and ± 25 ppm maximum for the 2.4 GHz band.

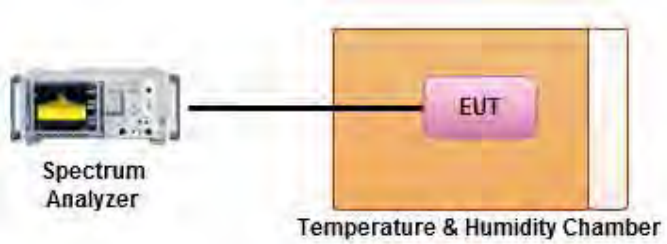
3.6.2 Measuring Instruments

Refer a test equipment and calibration data table in this test report.

3.6.3 Test Procedures

Test Method	
▪ Refer as ANSI C63.10, clause 6.8 for frequency stability tests	
	▪ Frequency stability with respect to ambient temperature
	▪ Frequency stability when varying supply voltage
	▪ Extreme temperature is 0℃~40℃.

3.6.4 Test Setup

Frequency Stability


3.6.5 Test Result of Frequency Stability

Mode: 20 MHz / Port 2
Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5199.9938	5199.9936	5199.9930	5199.9923
110.00	5199.9934	5199.9925	5199.9922	5199.9917
93.50	5199.9928	5199.9927	5199.9923	5199.9922
Max. Deviation (MHz)	0.0072	0.0075	0.0078	0.0083
Max. Deviation (ppm)	1.38	1.44	1.50	1.60
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5200 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5199.9951	5199.9946	5199.9941	5199.9934
10	5199.9937	5199.9928	5199.9922	5199.9912
20	5199.9934	5199.9930	5199.9920	5199.9914
30	5199.9891	5199.9882	5199.9875	5199.9873
40	5199.9878	5199.9873	5199.9871	5199.9862
Max. Deviation (MHz)	0.0122	0.0127	0.0129	0.0138
Max. Deviation (ppm)	2.35	2.44	2.48	2.65
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5784.9943	5784.9936	5784.9930	5784.9921
110.00	5784.9934	5784.9931	5784.9921	5784.9913
93.50	5784.9932	5784.9922	5784.9921	5784.9919
Max. Deviation (MHz)	0.0068	0.0078	0.0079	0.0087
Max. Deviation (ppm)	1.18	1.35	1.37	1.50
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5785 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5784.9970	5784.9960	5784.9959	5784.9956
10	5784.9950	5784.9947	5784.9946	5784.9940
20	5784.9934	5784.9924	5784.9919	5784.9913
30	5784.9891	5784.9881	5784.9878	5784.9870
40	5784.9883	5784.9880	5784.9873	5784.9865
Max. Deviation (MHz)	0.0117	0.0120	0.0127	0.0135
Max. Deviation (ppm)	2.02	2.07	2.20	2.33
Result	Pass			

Mode: 40 MHz / Port 2
Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5189.9941	5189.9931	5189.9927	5189.9920
110.00	5189.9934	5189.9924	5189.9920	5189.9916
93.50	5189.9933	5189.9926	5189.9916	5189.9915
Max. Deviation (MHz)	0.0067	0.0076	0.0084	0.0085
Max. Deviation (ppm)	1.29	1.46	1.62	1.64
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5190 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5189.9940	5189.9932	5189.9923	5189.9913
10	5189.9937	5189.9930	5189.9926	5189.9919
20	5189.9934	5189.9924	5189.9916	5189.9910
30	5189.9891	5189.9883	5189.9877	5189.9872
40	5189.9877	5189.9873	5189.9865	5189.9861
Max. Deviation (MHz)	0.0123	0.0127	0.0135	0.0139
Max. Deviation (ppm)	2.37	2.45	2.60	2.68
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5754.9944	5754.9942	5754.9941	5754.9932
110.00	5754.9934	5754.9930	5754.9927	5754.9920
93.50	5754.9931	5754.9924	5754.9921	5754.9913
Max. Deviation (MHz)	0.0069	0.0076	0.0079	0.0087
Max. Deviation (ppm)	1.20	1.32	1.37	1.51
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5755 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5754.9963	5754.9958	5754.9948	5754.9944
10	5754.9954	5754.9951	5754.9941	5754.9935
20	5754.9934	5754.9931	5754.9922	5754.9914
30	5754.9891	5754.9886	5754.9879	5754.9872
40	5754.9889	5754.9884	5754.9880	5754.9879
Max. Deviation (MHz)	0.0111	0.0116	0.0121	0.0128
Max. Deviation (ppm)	1.93	2.02	2.10	2.22
Result	Pass			

Mode: 80 MHz / Port 2
Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5209.9938	5209.9928	5209.9919	5209.9913
110.00	5209.9934	5209.9926	5209.9922	5209.9921
93.50	5209.9926	5209.9920	5209.9911	5209.9908
Max. Deviation (MHz)	0.0074	0.0080	0.0089	0.0092
Max. Deviation (ppm)	1.42	1.54	1.71	1.77
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5210 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5209.9949	5209.9942	5209.9934	5209.9927
10	5209.9939	5209.9929	5209.9919	5209.9914
20	5209.9934	5209.9931	5209.9929	5209.9923
30	5209.9891	5209.9886	5209.9882	5209.9873
40	5209.9872	5209.9871	5209.9864	5209.9858
Max. Deviation (MHz)	0.0128	0.0129	0.0136	0.0142
Max. Deviation (ppm)	2.46	2.48	2.61	2.73
Result	Pass			

Voltage vs. Frequency Stability

Voltage	Measurement Frequency (MHz)			
(V)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5774.9935	5774.9931	5774.9927	5774.9922
110.00	5774.9934	5774.9927	5774.9920	5774.9910
93.50	5774.9930	5774.9928	5774.9925	5774.9922
Max. Deviation (MHz)	0.0070	0.0073	0.0080	0.0090
Max. Deviation (ppm)	1.21	1.26	1.39	1.56
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(℃)	5775 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5774.9968	5774.9964	5774.9960	5774.9956
10	5774.9949	5774.9948	5774.9946	5774.9944
20	5774.9934	5774.9931	5774.9927	5774.9926
30	5774.9891	5774.9883	5774.9880	5774.9874
40	5774.9873	5774.9867	5774.9859	5774.9854
Max. Deviation (MHz)	0.0127	0.0133	0.0141	0.0146
Max. Deviation (ppm)	2.20	2.30	2.44	2.53
Result	Pass			

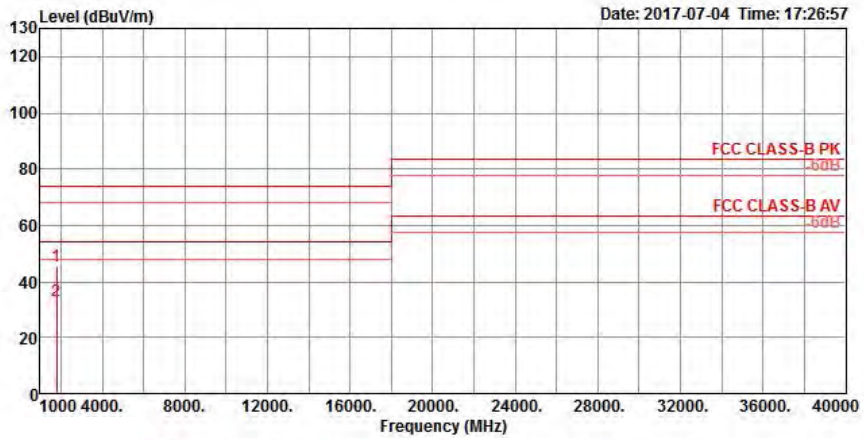
4 Test Equipment and Calibration Data

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
EMI Receiver	Agilent	N9038A	My52260123	9kHz ~ 8.45GHz	Jan. 23, 2017	Conduction (CO01-CB)
LISN	F.C.C.	FCC-LISN-50-16-2	04083	150kHz ~ 100MHz	Dec. 14, 2016	Conduction (CO01-CB)
LISN	Schwarzbeck	NSLK 8127	8127647	9kHz ~ 30MHz	Dec. 21, 2016	Conduction (CO01-CB)
COND Cable	Woken	Cable	01	150kHz ~ 30MHz	May 23, 2017	Conduction (CO01-CB)
Software	Audix	E3	6.120210n	-	N.C.R.	Conduction (CO01-CB)
BILOG ANTENNA with 6dB Attenuator	TESEQ & EMCI	CBL6112D & N-6-06	37880 & AT-N0609	20MHz ~ 2GHz	Aug. 30, 2016	Radiation (03CH01-CB)
Loop Antenna	Teseq	HLA 6120	24155	9kHz - 30 MHz	Mar. 16, 2016*	Radiation (03CH01-CB)
Horn Antenna	EMCO	3115	00075790	750MHz ~ 18GHz	Nov. 10, 2016	Radiation (03CH01-CB)
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170507	15GHz ~ 40GHz	Jun. 16, 2017	Radiation (03CH01-CB)
Pre-Amplifier	EMCI	EMC330N	980332	20MHz ~ 3GHz	May 02, 2017	Radiation (03CH01-CB)
Pre-Amplifier	Agilent	8449B	3008A02310	1GHz ~ 26.5GHz	Jan. 16, 2017	Radiation (03CH01-CB)
Pre-Amplifier	MITEQ	TTA1840-35-HG	1864479	18GHz ~ 40GHz	Jun. 28, 2016	Radiation (03CH01-CB)
Amplifier	-	-	TF-130N-R1	26GHz ~ 40GHz	Jun. 20, 2017	Radiation (03CH01-CB)
Spectrum Analyzer	R&S	FSP40	100056	9kHz ~ 40GHz	Nov. 22, 2016	Radiation (03CH01-CB)
EMI Test	R&S	ESCS	100355	9kHz ~ 2.75GHz	May 06, 2017	Radiation (03CH01-CB)
RF Cable-low	Woken	Low Cable-16+17	N/A	30 MHz ~ 1 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-16+17	N/A	1 GHz ~ 18 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
RF Cable-high	Woken	High Cable-40G#1	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)

Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Remark
RF Cable-high	Woken	High Cable-40G#2	N/A	18GHz ~ 40 GHz	Oct. 24, 2016	Radiation (03CH01-CB)
Test Software	Audix	E3	6.2009-l0-7	N/A	N/A	Radiation (03CH01-CB)
Spectrum analyzer	R&S	FSV40	100979	9kHz~40GHz	Dec. 26, 2016	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 03, 2016	Conducted (TH01-CB)
Temp. and Humidity Chamber	Ten Billion	TTH-D3SP	TBN-931011	-30~100 degree	Jun. 02, 2017	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-6	1 GHz – 26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-7	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-8	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-9	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
RF Cable-high	Woken	RG402	High Cable-10	1 GHz –26.5 GHz	Oct. 24, 2016	Conducted (TH01-CB)
Power Sensor	Agilent	U2021XA	MY53410001	50MHz~18GHz	Nov. 22, 2016	Conducted (TH01-CB)

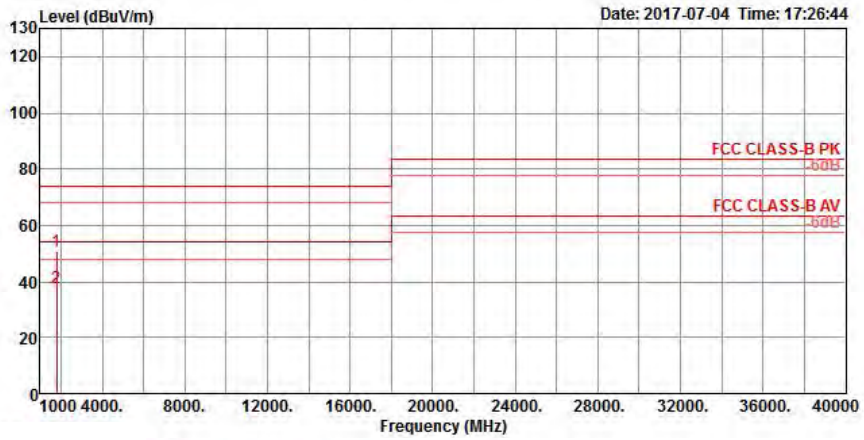
Note: Calibration Interval of instruments listed above is one year.
"*" Calibration Interval of instruments listed above is two years.
N.C.R. means Non-Calibration required.

RSE Co-location Result			
Operating Mode	1	**Polarization**	Horizontal
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1798.26	45.72	74.00	-28.28	50.76	4.56	27.80	37.40	172	210	Peak	HORIZONTAL
2	1809.32	33.02	54.00	-20.98	37.98	4.57	27.87	37.40	172	210	Average	HORIZONTAL

RSE Co-location Result			
Operating Mode	1	**Polarization**	Vertical
Operating Function	Normal Link		



	Freq	Level	Limit Line	Over Limit	Read Level	Cable Loss	Antenna Factor	Preamp Factor	A/Pos	T/Pos	Remark	Pol/Phase
	MHz	dBuV/m	dBuV/m	dB	dBuV	dB	dB/m	dB	cm	deg		
1	1802.10	50.98	74.00	-23.02	55.97	4.57	27.84	37.40	137	259	Peak	VERTICAL
2	1810.00	37.78	54.00	-16.22	42.74	4.57	27.87	37.40	137	259	Average	VERTICAL