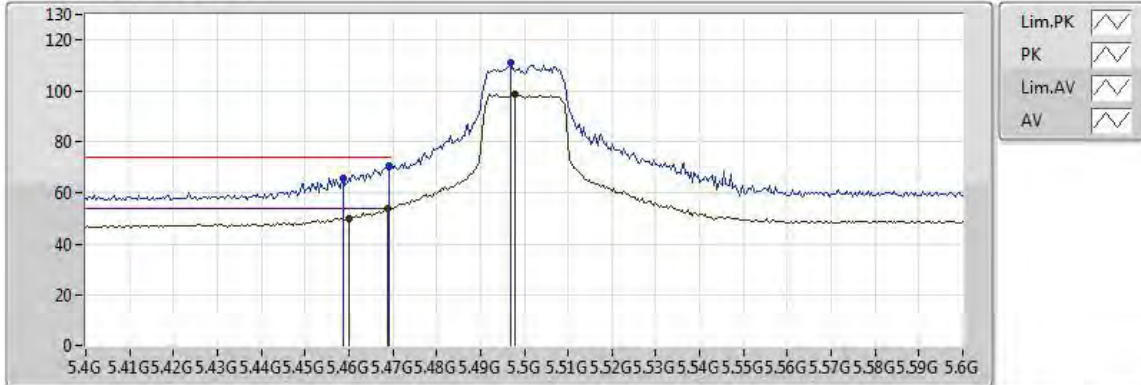




802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX



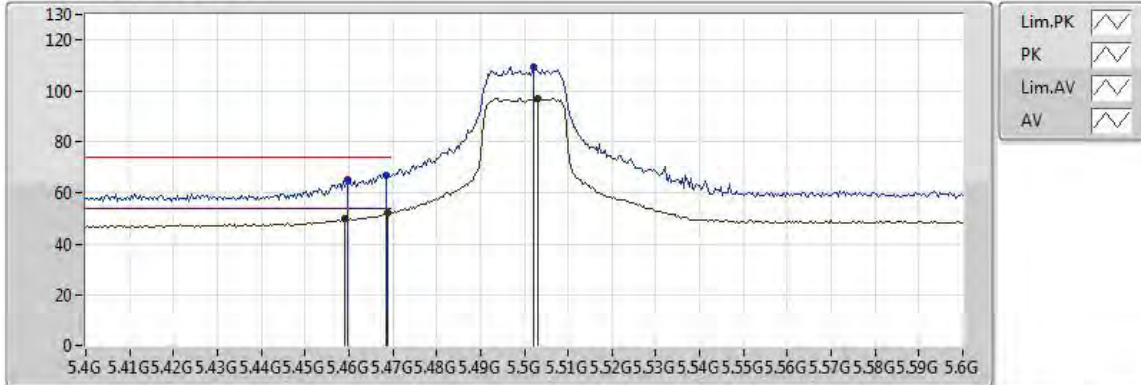
20170622
 EUT Y_2TX
 Setting 23
 04-E-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.46G	49.96	54.00	-4.04	5.98	3	V	46	1.94	-
AV	5.4688G	53.69	54.00	-0.31	6.02	3	V	46	1.94	-
AV	5.498G	98.51	Inf	-Inf	6.15	3	V	46	1.94	-
PK	5.4588G	65.64	74.00	-8.36	5.97	3	V	46	1.94	-
PK	5.4692G	70.37	74.00	-3.63	6.02	3	V	46	1.94	-
PK	5.4968G	110.68	Inf	-Inf	6.15	3	V	46	1.94	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX



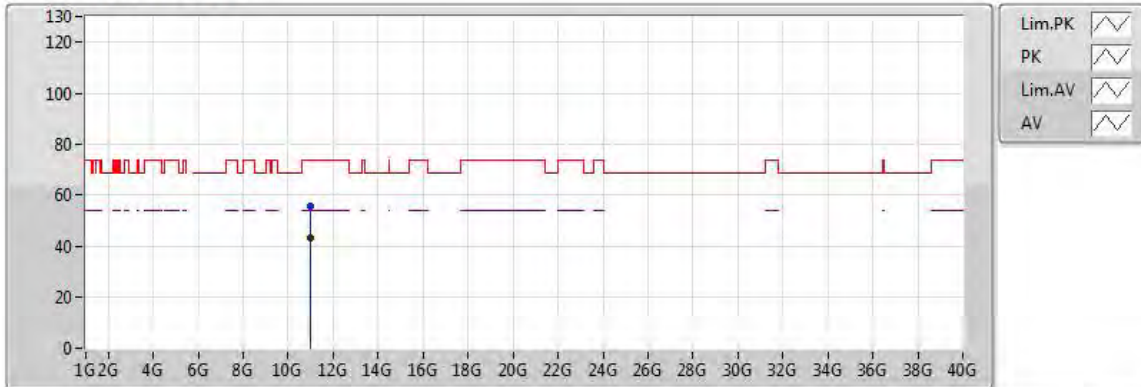
20170622
 EUT Y_2TX
 Setting 23
 04-E-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4592G	49.62	54.00	-4.38	5.97	3	H	18	1.07	-
AV	5.4688G	52.01	54.00	-1.99	6.02	3	H	18	1.07	-
AV	5.5032G	97.19	Inf	-Inf	6.18	3	H	18	1.07	-
PK	5.4596G	64.73	74.00	-9.27	5.97	3	H	18	1.07	-
PK	5.4684G	66.92	74.00	-7.08	6.01	3	H	18	1.07	-
PK	5.502G	109.44	Inf	-Inf	6.17	3	H	18	1.07	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX



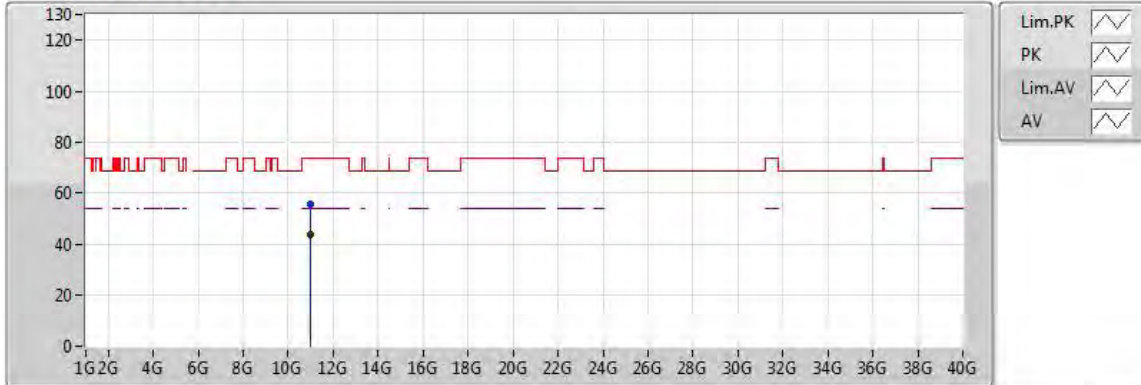
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EUT_Y_2TX
Setting 23
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00966G	43.33	54.00	-10.67	15.81	3	V	47	1.60	-
PK	11.0045G	55.64	74.00	-18.36	15.80	3	V	47	1.60	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5500MHz_TX



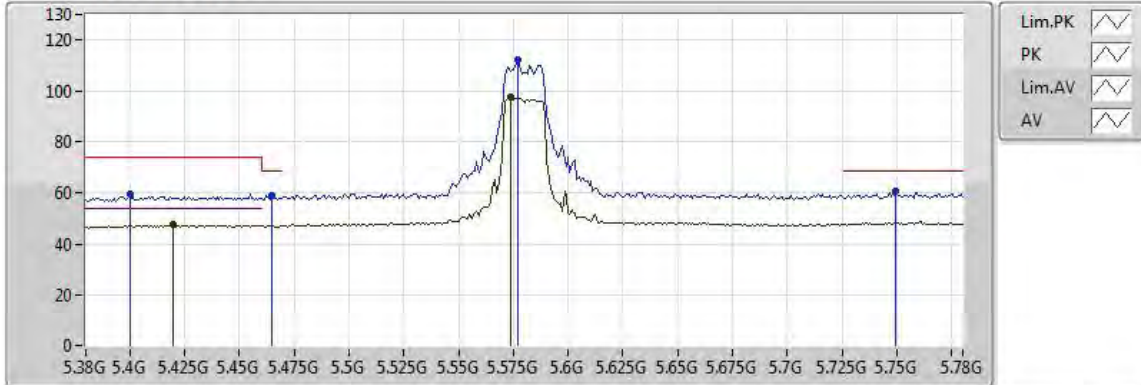
20170622
EUT_Y_2TX
Setting 23
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.01146G	43.47	54.00	-10.53	15.81	3	H	56	2.09	-
PK	11.01416G	55.54	74.00	-18.46	15.81	3	H	56	2.09	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX



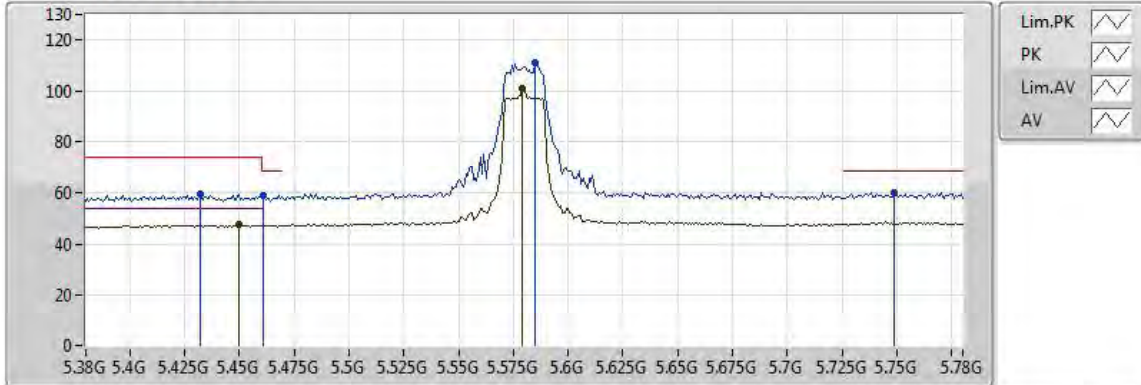
20170622
 EUT Y_2TX
 Setting 24
 04-E-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.42G	47.42	54.00	-6.58	5.79	3	V	115	1.74	-
AV	5.5736G	97.71	Inf	-Inf	6.62	3	V	115	1.74	-
PK	5.4G	59.45	74.00	-14.55	5.70	3	V	115	1.74	-
PK	5.4648G	58.77	68.20	-9.43	6.00	3	V	115	1.74	-
PK	5.5768G	112.11	Inf	-Inf	6.64	3	V	115	1.74	-
PK	5.7496G	60.51	68.20	-7.69	7.07	3	V	115	1.74	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX



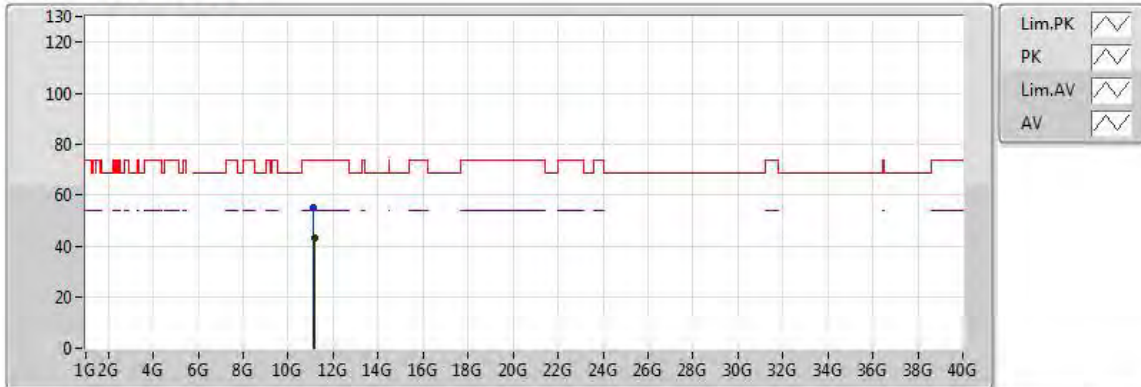
20170622
 EUT Y_2TX
 Setting 24
 04-E-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4496G	47.52	54.00	-6.48	5.93	3	H	38	2.28	-
AV	5.5792G	100.91	Inf	-Inf	6.65	3	H	38	2.28	-
PK	5.432G	59.17	74.00	-14.83	5.85	3	H	38	2.28	-
PK	5.4608G	58.84	68.20	-9.36	5.98	3	H	38	2.28	-
PK	5.5848G	110.76	Inf	-Inf	6.69	3	H	38	2.28	-
PK	5.7488G	60.12	68.20	-8.08	7.07	3	H	38	2.28	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX



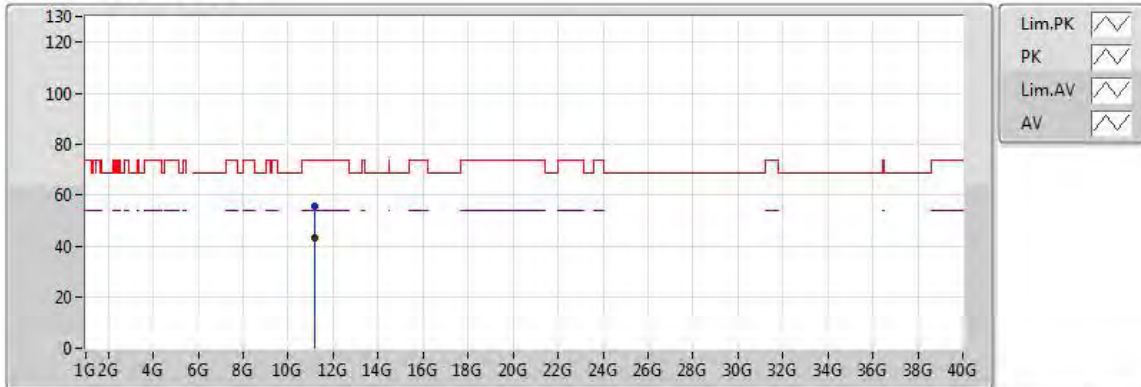
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Setting 24
04-E-2
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.14974G	43.07	54.00	-10.93	15.90	3	V	238	1.07	-
PK	11.14668G	55.17	74.00	-18.83	15.90	3	V	238	1.07	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5580MHz_TX



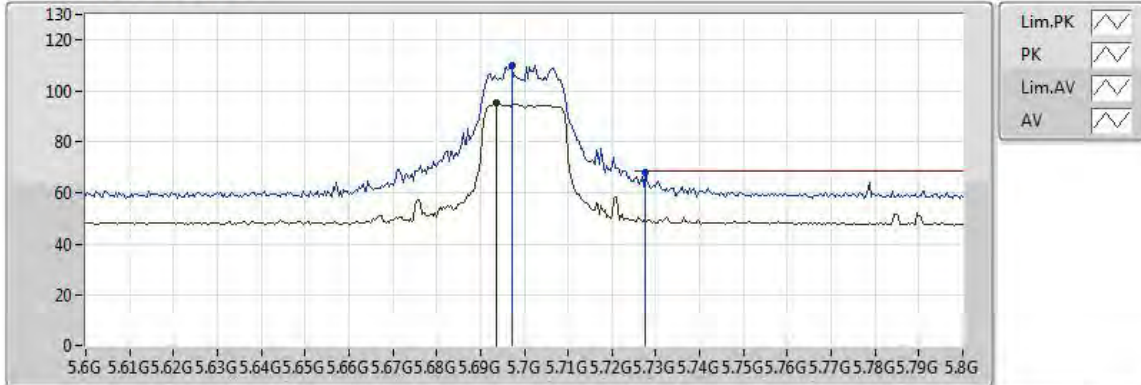
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 Setting 24
 04-E-2
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.16272G	42.98	54.00	-11.02	15.91	3	H	320	2.34	-
PK	11.15632G	55.53	74.00	-18.47	15.90	3	H	320	2.34	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX



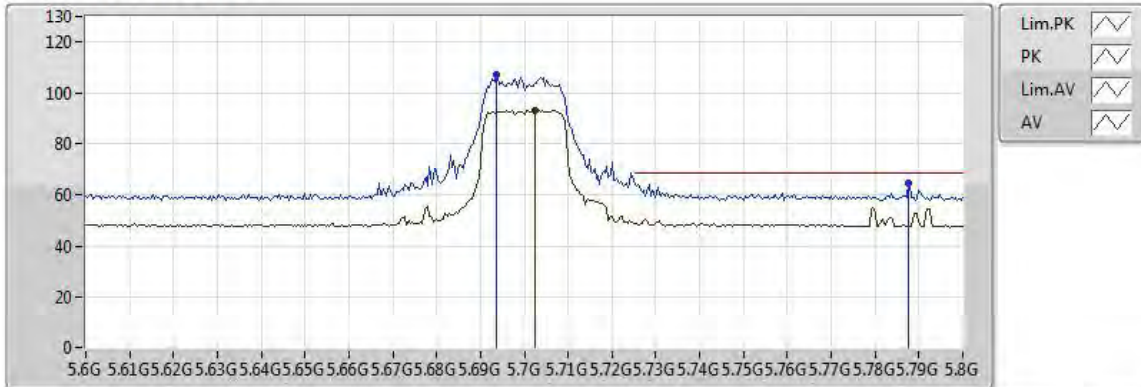
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 Setting 24
 04-E-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6936G	95.16	Inf	-Inf	6.96	3	V	80	1.74	-
PK	5.6972G	110.04	Inf	-Inf	6.96	3	V	80	1.74	-
PK	5.7276G	68.01	68.20	-0.19	7.03	3	V	80	1.74	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX



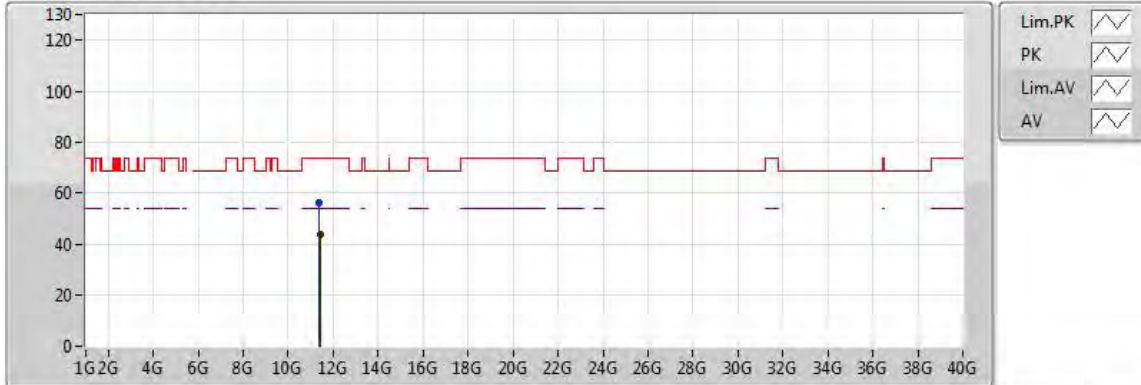
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 Setting 24
 04-E-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.7024G	93.29	Inf	-Inf	6.98	3	H	136	1.30	-
PK	5.6936G	107.27	Inf	-Inf	6.96	3	H	136	1.30	-
PK	5.7876G	64.23	68.20	-3.97	7.15	3	H	136	1.30	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX



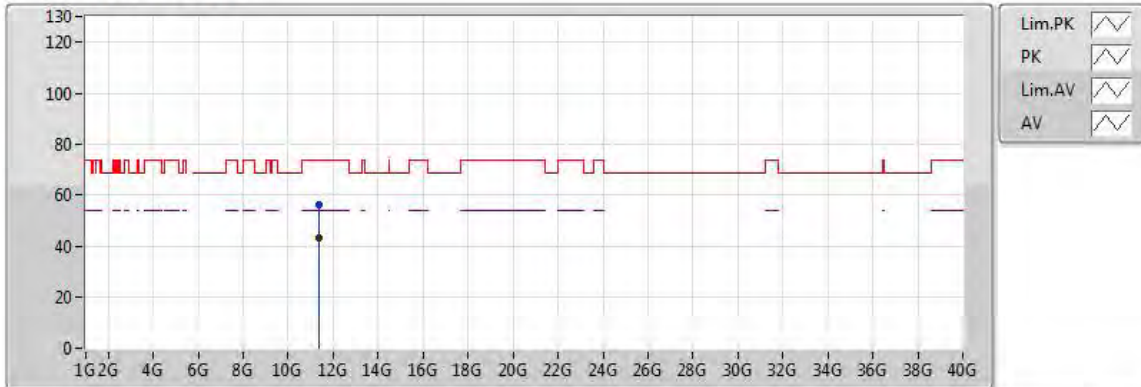
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 Setting 24
 04-E-2
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.40492G	43.46	54.00	-10.54	16.07	3	V	256	2.13	-
PK	11.39788G	56.06	74.00	-17.94	16.06	3	V	256	2.13	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5700MHz_TX



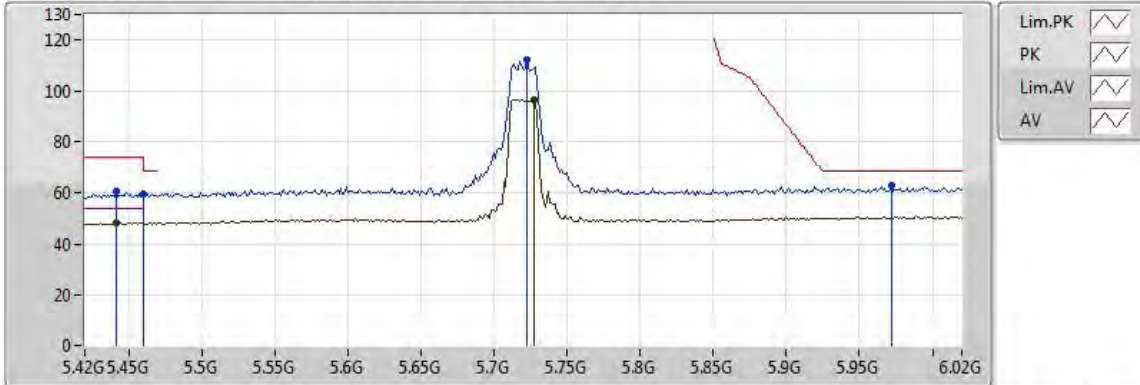
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 Setting 24
 04-E-2
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.39826G	43.02	54.00	-10.98	16.06	3	H	76	2.10	-
PK	11.3999G	56.06	74.00	-17.94	16.06	3	H	76	2.10	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



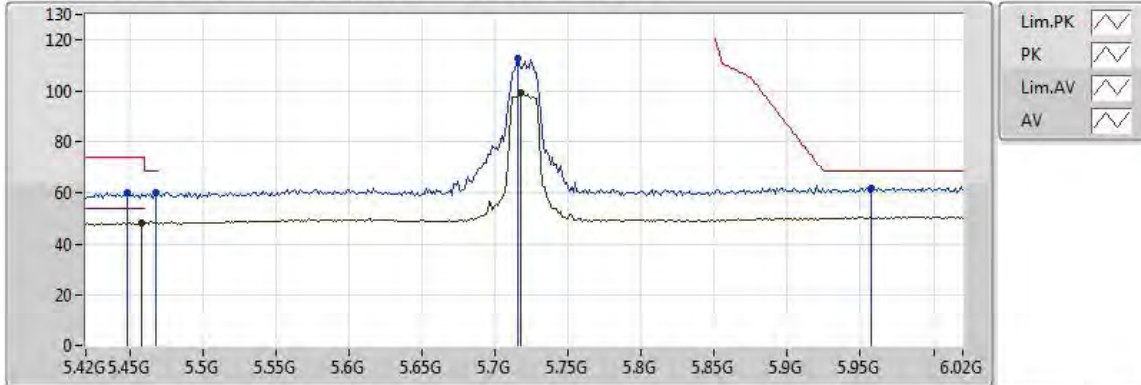
20170629
 EUT Y_2TX
 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4416G	48.33	54.00	-5.67	5.89	3	V	226	1.01	-
AV	5.7272G	96.42	Inf	-Inf	7.03	3	V	226	1.01	-
PK	5.4416G	60.25	74.00	-13.75	5.89	3	V	226	1.01	-
PK	5.460005G	59.57	68.20	-8.63	5.98	3	V	226	1.01	-
PK	5.7224G	111.95	Inf	-Inf	7.02	3	V	226	1.01	-
PK	5.972G	63.00	68.20	-5.20	8.30	3	V	226	1.01	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



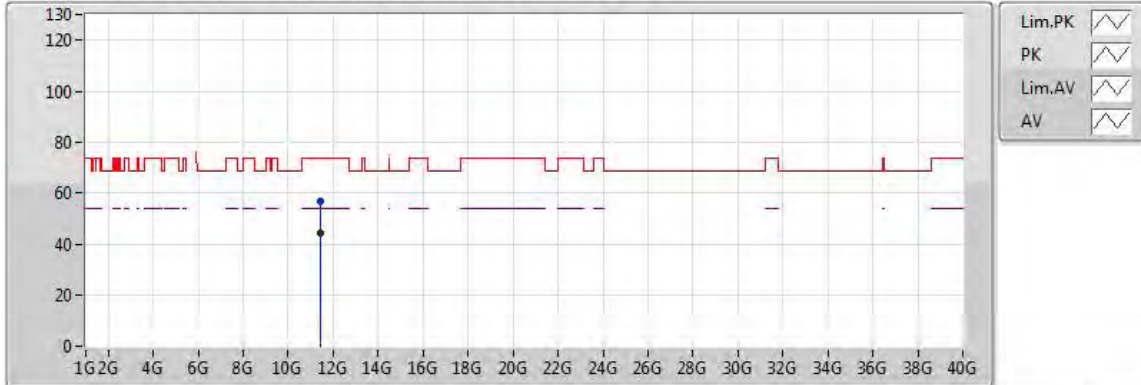
20170629
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 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4584G	48.31	54.00	-5.69	5.97	3	H	184	2.15	-
AV	5.7176G	99.07	Inf	-Inf	7.01	3	H	184	2.15	-
PK	5.4488G	60.00	74.00	-14.00	5.92	3	H	184	2.15	-
PK	5.468G	59.75	68.20	-8.45	6.01	3	H	184	2.15	-
PK	5.7152G	112.59	Inf	-Inf	7.00	3	H	184	2.15	-
PK	5.9576G	61.73	68.20	-6.47	8.20	3	H	184	2.15	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



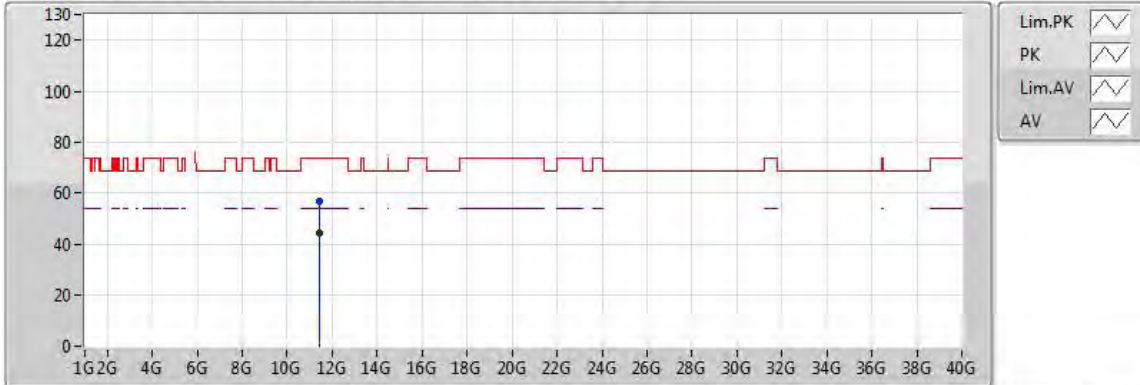
20170629
 EUT Y_2TX
 Setting 24
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.43694G	44.24	54.00	-9./6	16.09	3	V	325	1.39	-
PK	11.43268G	56.67	74.00	-17.33	16.09	3	V	325	1.39	-



802.11ac VHT20-BF_Nss1,(MCS0)_2TX

5720MHz Straddle 5.47-5.725GHz_TX



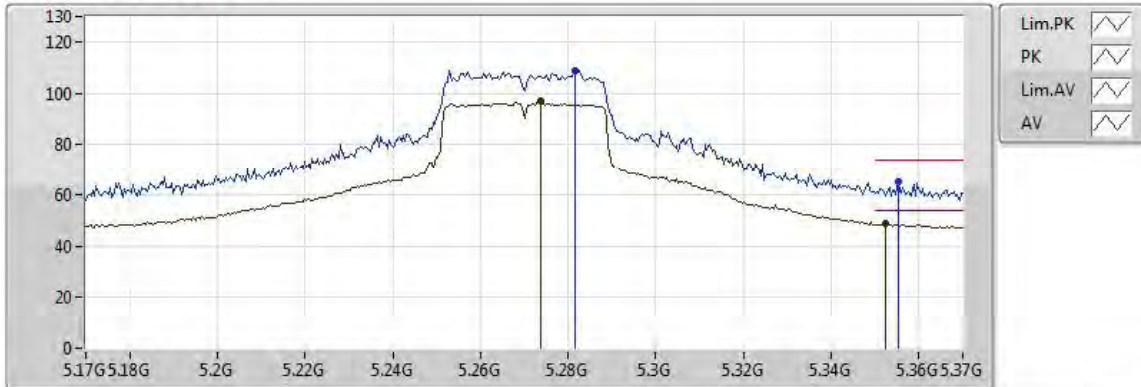
20170629
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.425/8G	44.46	54.00	-9.54	16.08	3	H	205	1.05	-
PK	11.45038G	56.69	74.00	-17.31	16.10	3	H	205	1.05	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX



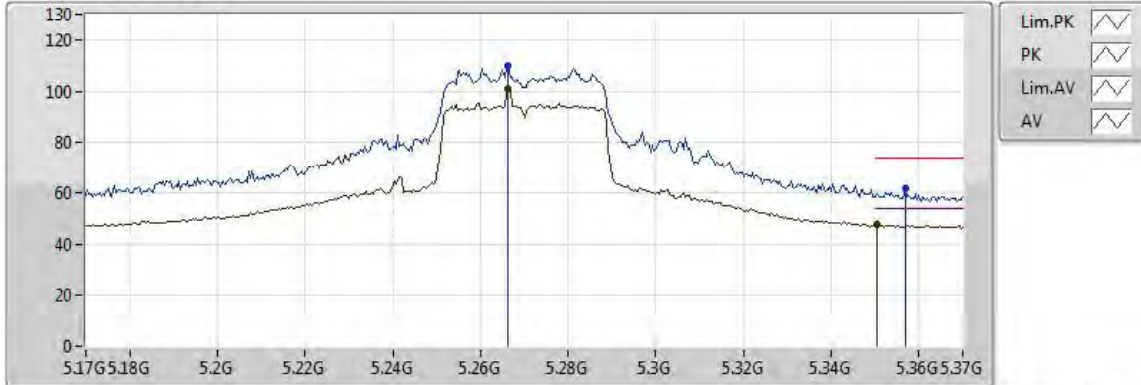
20170622
EUT_Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2736G	96.75	Inf	-Inf	5.57	3	V	38	1.44	-
AV	5.3524G	48.75	54.00	-5.25	5.65	3	V	38	1.44	-
PK	5.2816G	108.77	Inf	-Inf	5.58	3	V	38	1.44	-
PK	5.3552G	65.16	74.00	-8.84	5.66	3	V	38	1.44	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX



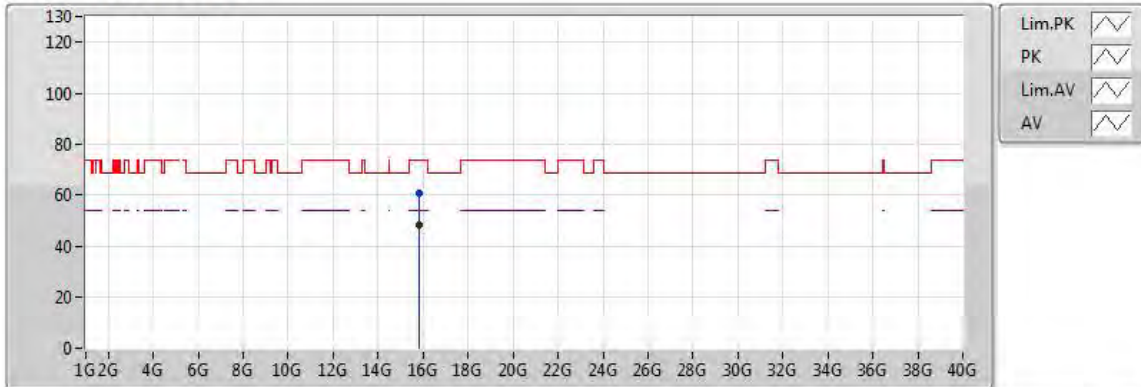
20170622
EUT Y_2TX
Setting 24
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2664G	101.05	Inf	-Inf	5.56	3	H	39	2.45	-
AV	5.3504G	47.49	54.00	-6.51	5.65	3	H	39	2.45	-
PK	5.2664G	110.04	Inf	-Inf	5.56	3	H	39	2.45	-
PK	5.3568G	61.41	74.00	-12.59	5.66	3	H	39	2.45	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX



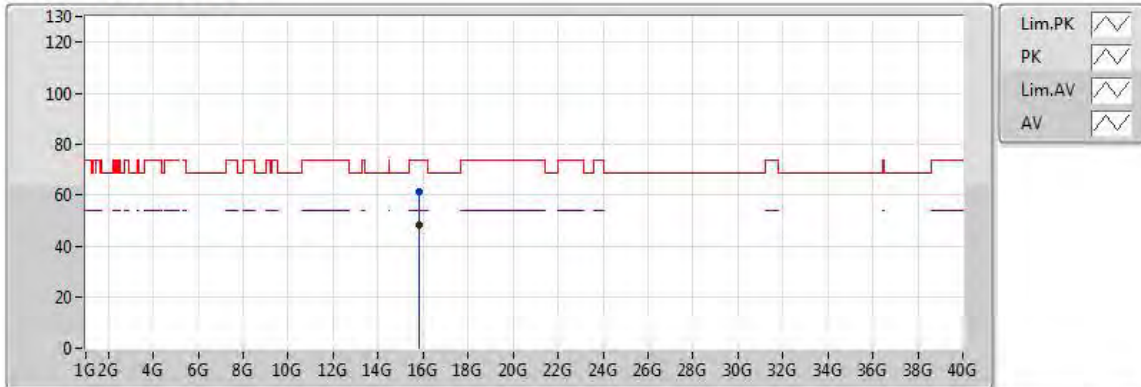
20170623
 EUT Y_2TX
 Setting 24
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.8064G	48.20	54.00	-5.80	18.01	3	V	55	2.14	-
PK	15.81378G	60.49	74.00	-13.51	18.02	3	V	55	2.14	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5270MHz_TX



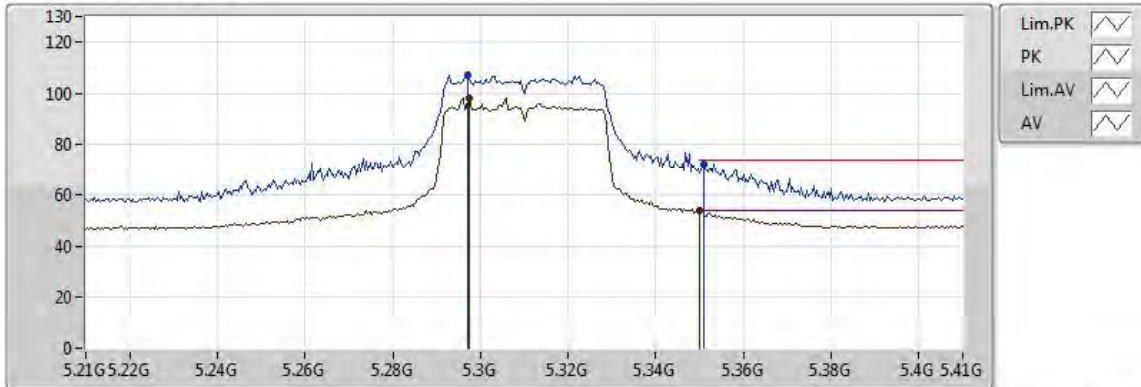
20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.81312G	48.32	54.00	-5.68	18.02	3	H	38	1.41	-
PK	15.80454G	60.80	74.00	-13.20	18.01	3	H	38	1.41	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX



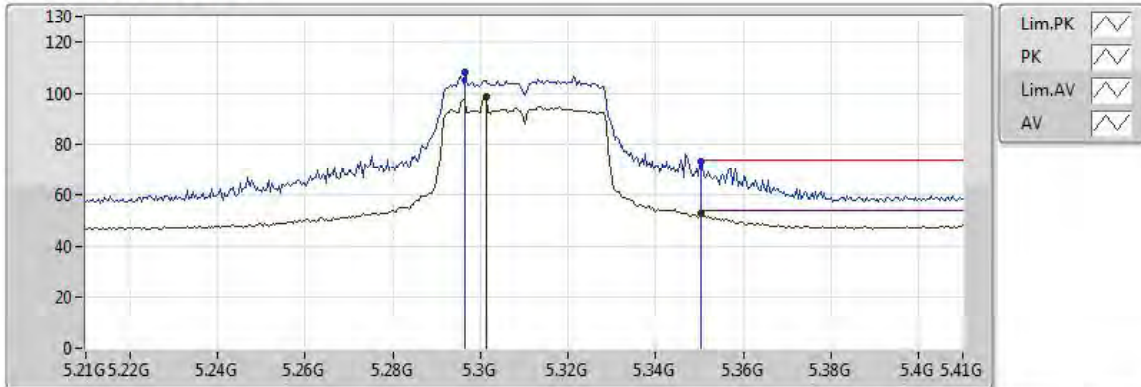
20170622
EUT Y_2TX
Setting 17
04-B-2-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.2976G	98.01	Inf	-Inf	5.60	3	V	49	1.74	-
AV	5.350005G	53.78	54.00	-0.22	5.65	3	V	49	1.74	-
PK	5.2972G	107.19	Inf	-Inf	5.60	3	V	49	1.74	-
PK	5.3508G	72.48	74.00	-1.52	5.65	3	V	49	1.74	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX



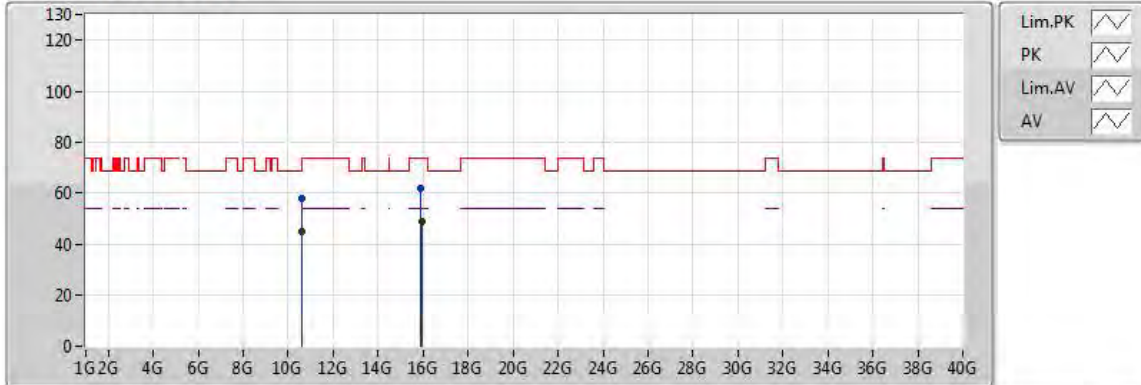
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 EUT Y_2TX
 Setting 17
 04-B-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.3012G	98.76	Inf	-Inf	5.60	3	H	21	1.93	-
AV	5.3504G	52.40	54.00	-1.60	5.65	3	H	21	1.93	-
PK	5.2964G	107.94	Inf	-Inf	5.60	3	H	21	1.93	-
PK	5.3504G	73.32	74.00	-0.68	5.65	3	H	21	1.93	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX



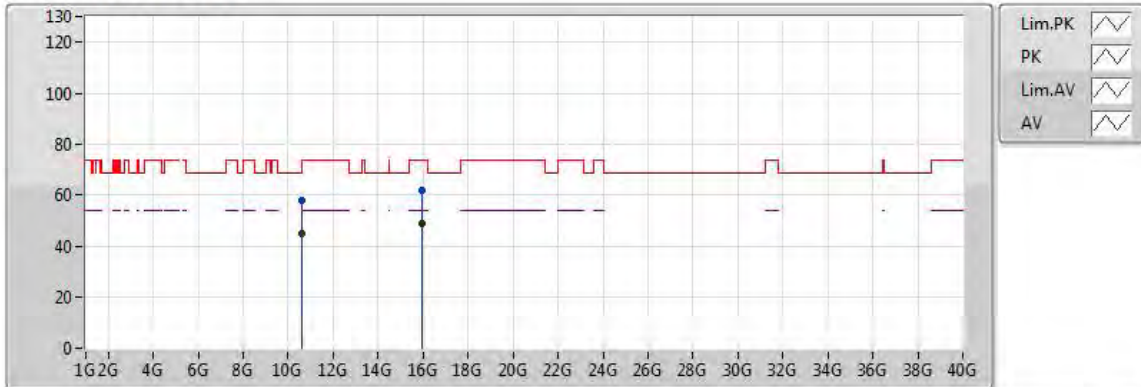
20170623
EUT_Y_2TX
Setting 17
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.62288G	45.06	54.00	-8.94	15.23	3	V	194	1.39	-
AV	15.94176G	48.81	54.00	-5.19	18.12	3	V	239	1.16	-
PK	10.61814G	57.76	74.00	-16.24	15.22	3	V	194	1.39	-
PK	15.915G	61.40	74.00	-12.60	18.10	3	V	239	1.16	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5310MHz_TX



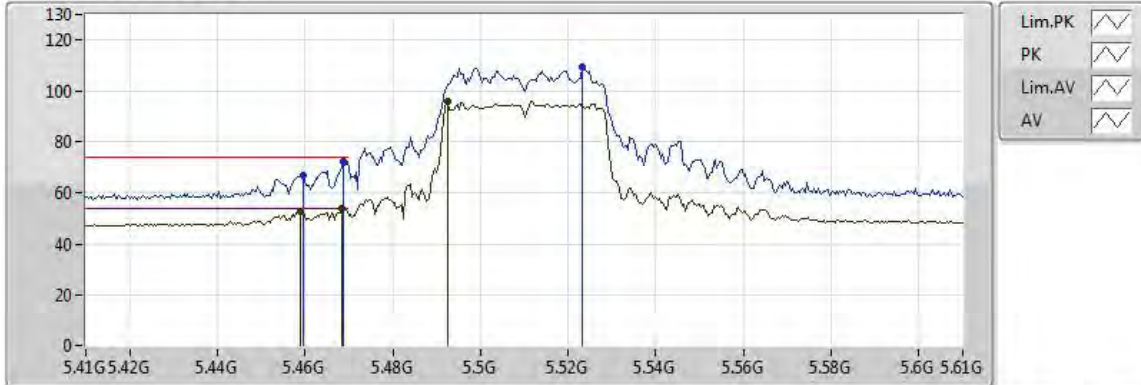
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EUT_Y_2TX
Setting 17
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	10.61346G	45.09	54.00	-8.91	15.21	3	H	60	1.85	-
AV	15.92652G	48.69	54.00	-5.31	18.11	3	H	237	2.21	-
PK	10.605G	57.58	74.00	-16.42	15.20	3	H	60	1.85	-
PK	15.94374G	61.56	74.00	-12.44	18.12	3	H	237	2.21	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX



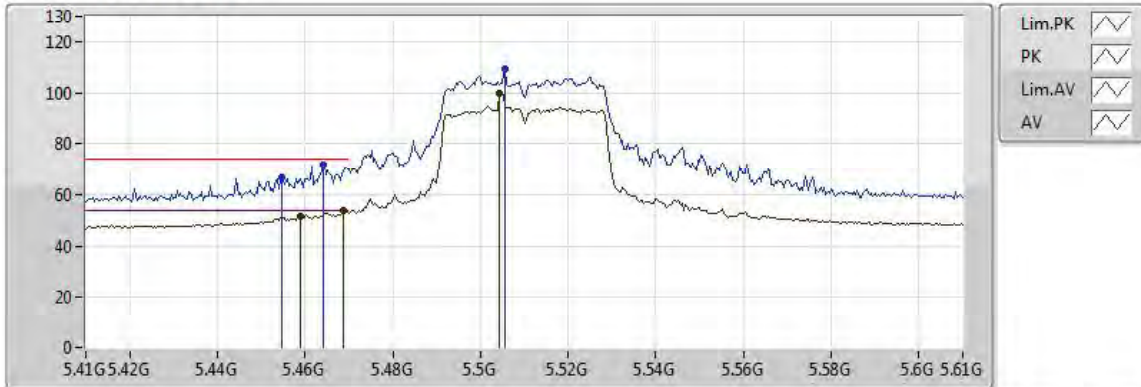
20170622
 EUT_Y_2TX
 Setting 24
 04-B-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4588G	52.41	54.00	-1.59	5.97	3	V	72	1.00	-
AV	5.4684G	53.63	54.00	-0.37	6.01	3	V	72	1.00	-
AV	5.4924G	96.08	Inf	-Inf	6.13	3	V	72	1.00	-
PK	5.4596G	66.69	74.00	-7.31	5.97	3	V	72	1.00	-
PK	5.4688G	72.14	74.00	-1.86	6.02	3	V	72	1.00	-
PK	5.5232G	109.52	Inf	-Inf	6.30	3	V	72	1.00	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX



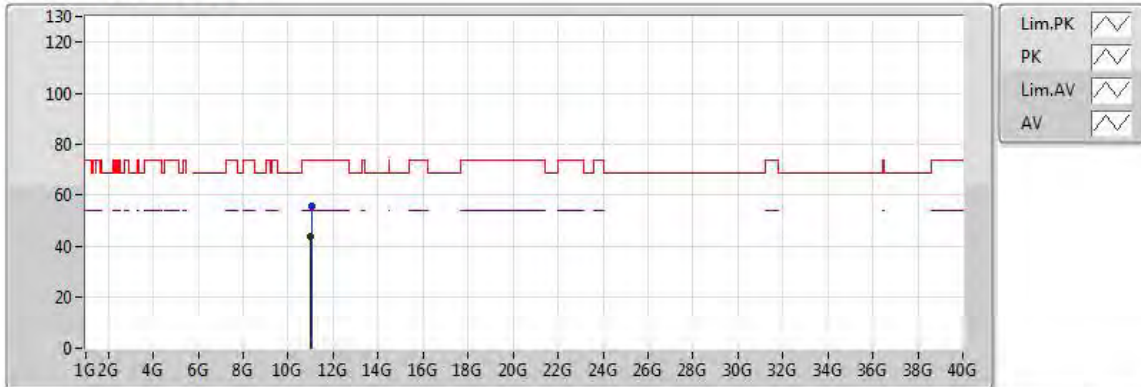
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 EUT Y_2TX
 Setting 24
 04-B-2-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4588G	51.77	54.00	-2.23	5.97	3	H	326	1.02	-
AV	5.4688G	53.77	54.00	-0.23	6.02	3	H	326	1.02	-
AV	5.5044G	99.64	Inf	-Inf	6.19	3	H	326	1.02	-
PK	5.4548G	66.53	74.00	-7.47	5.95	3	H	326	1.02	-
PK	5.464G	71.79	74.00	-2.21	5.99	3	H	326	1.02	-
PK	5.5056G	109.25	Inf	-Inf	6.19	3	H	326	1.02	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX



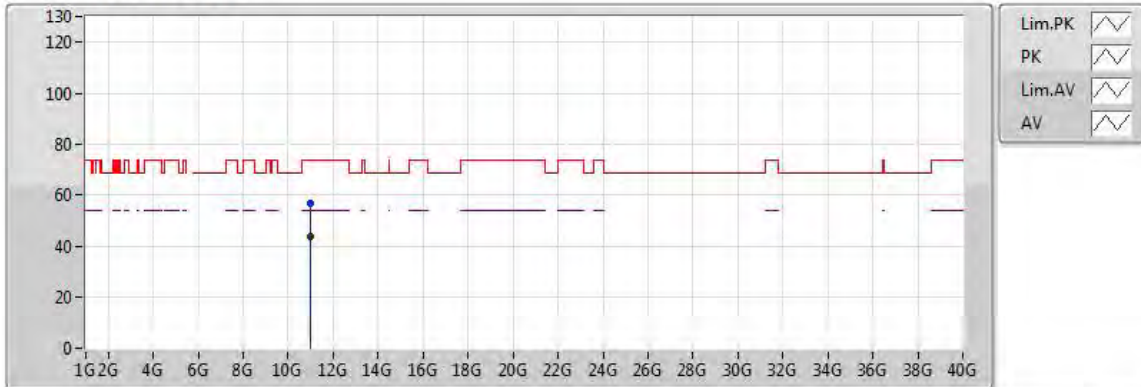
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 EUT Y_2TX
 Setting 24
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00746G	43.73	54.00	-10.27	15.80	3	V	174	1.70	-
PK	11.02354G	55.63	74.00	-18.37	15.82	3	V	174	1.70	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5510MHz_TX



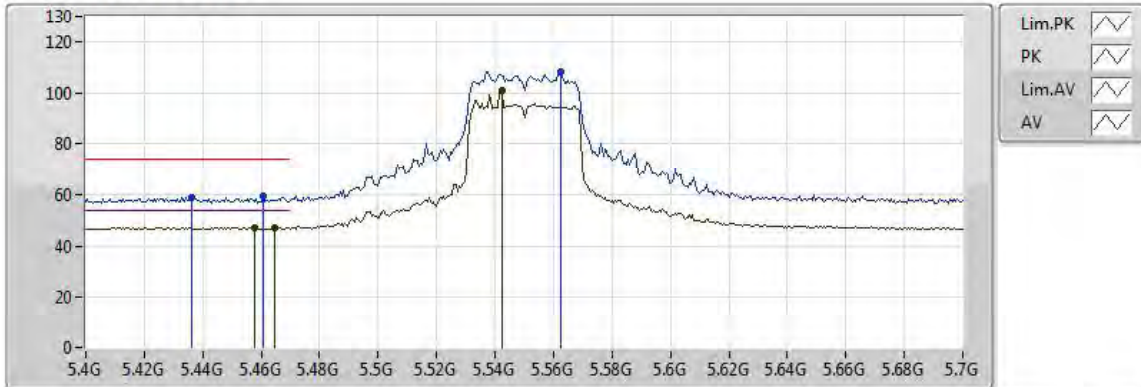
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EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.00728G	43.52	54.00	-10.48	15.80	3	H	346	2.21	-
PK	11.00788G	56.80	74.00	-17.20	15.81	3	H	346	2.21	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX



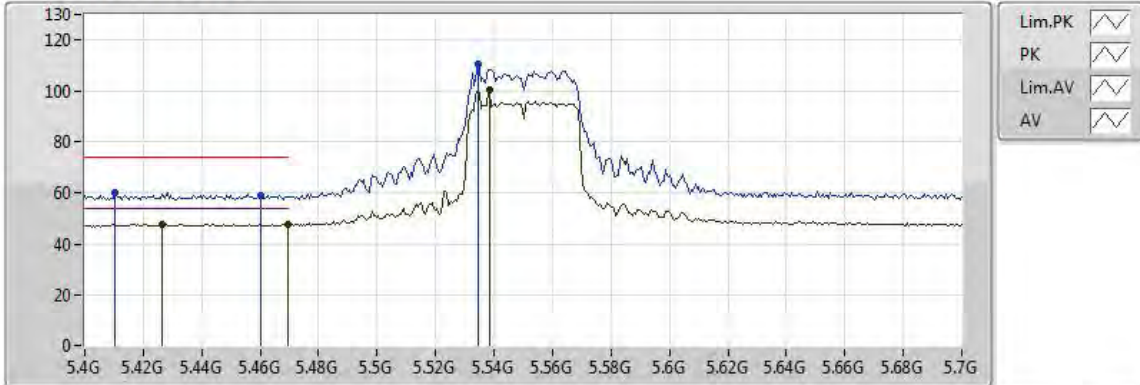
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EUT_Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4576G	47.10	54.00	-6.90	5.96	3	V	59	1.89	-
AV	5.4648G	47.23	54.00	-6.77	6.00	3	V	59	1.89	-
AV	5.5422G	100.93	Inf	-Inf	6.42	3	V	59	1.89	-
PK	5.436G	58.75	74.00	-15.25	5.87	3	V	59	1.89	-
PK	5.4606G	59.41	74.00	-14.59	5.98	3	V	59	1.89	-
PK	5.5626G	108.35	Inf	-Inf	6.55	3	V	59	1.89	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX



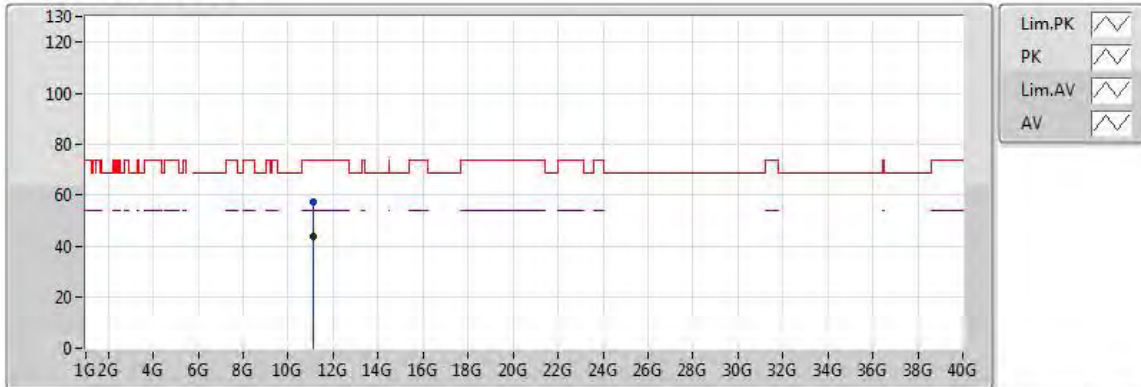
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 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4264G	47.76	54.00	-6.24	5.82	3	H	347	2.35	-
AV	5.4696G	47.53	54.00	-6.47	6.02	3	H	347	2.35	-
AV	5.5386G	100.52	Inf	-Inf	6.40	3	H	347	2.35	-
PK	5.4102G	60.19	74.00	-13.81	5.75	3	H	347	2.35	-
PK	5.460005G	59.11	74.00	-14.89	5.98	3	H	347	2.35	-
PK	5.5344G	110.47	Inf	-Inf	6.37	3	H	347	2.35	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX



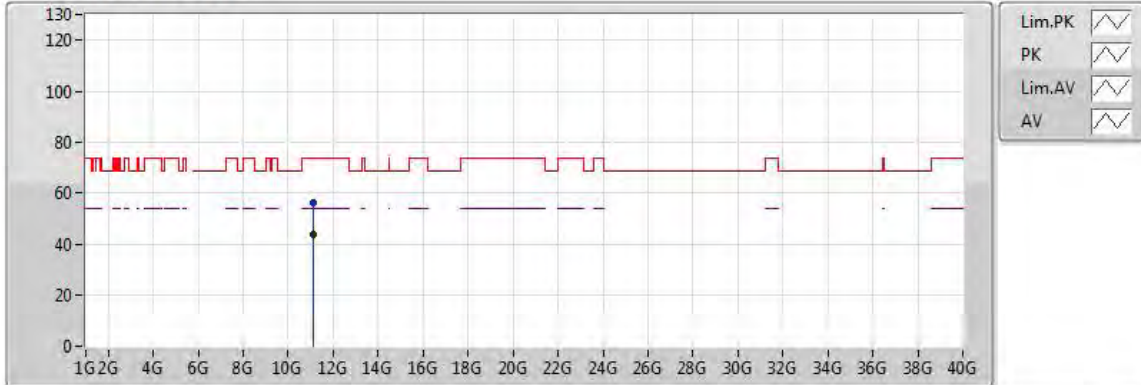
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EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.08662G	43.75	54.00	-10.25	15.86	3	V	73	1.75	-
PK	11.11284G	56.99	74.00	-17.01	15.87	3	V	73	1.75	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5550MHz_TX



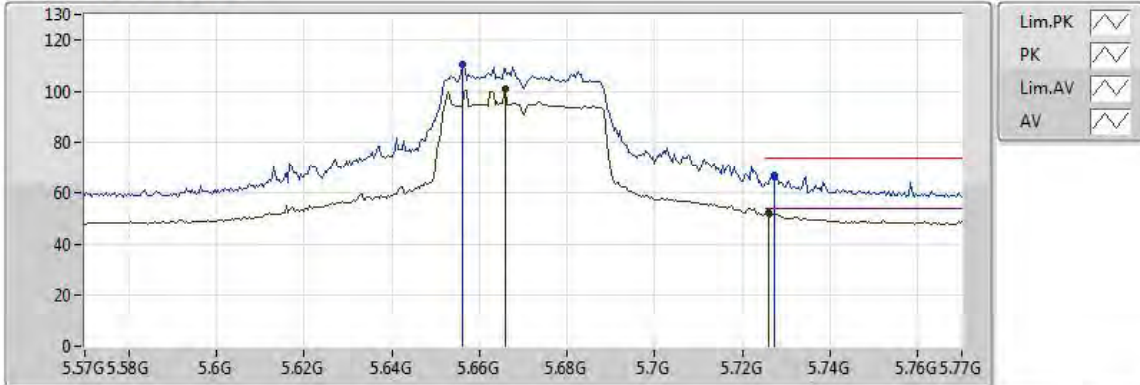
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EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.09496G	43.80	54.00	-10.20	15.86	3	H	187	2.42	-
PK	11.1003G	56.07	74.00	-17.93	15.87	3	H	187	2.42	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX



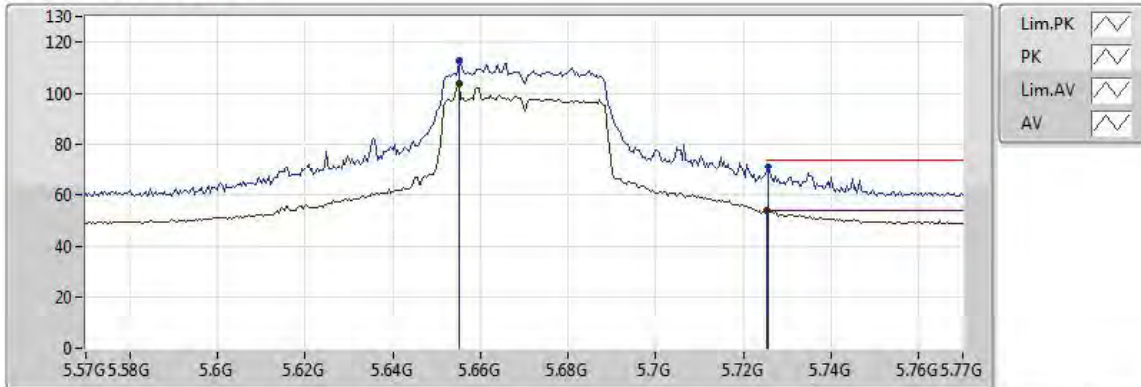
20170623
 EUT Y_2TX
 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.666G	100.78	Inf	-Inf	6.91	3	V	50	2.03	-
AV	5.726G	52.28	54.00	-1.72	7.02	3	V	50	2.03	-
PK	5.656G	110.11	Inf	-Inf	6.89	3	V	50	2.03	-
PK	5.7272G	66.56	74.00	-7.44	7.03	3	V	50	2.03	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX



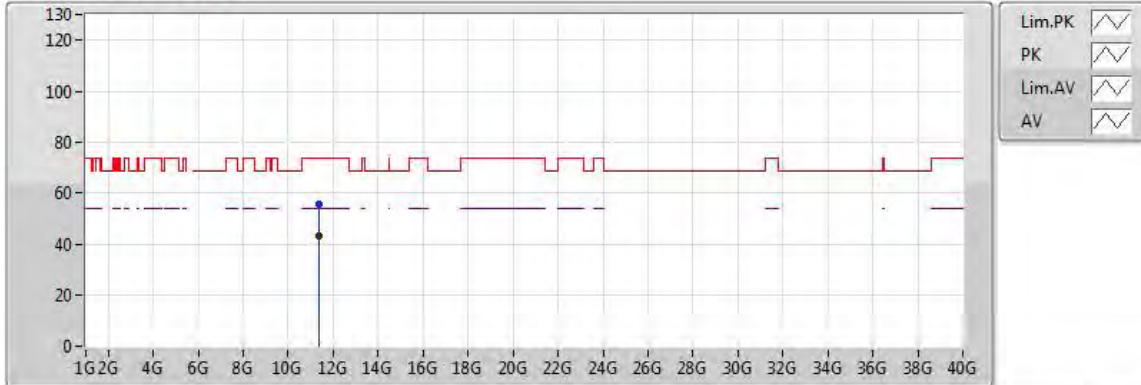
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 EUT Y_2TX
 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.6552G	103.87	Inf	-Inf	6.88	3	H	5	2.29	-
AV	5.7252G	53.87	54.00	-0.13	7.02	3	H	5	2.29	-
PK	5.6552G	112.39	Inf	-Inf	6.88	3	H	5	2.29	-
PK	5.7256G	71.10	74.00	-2.90	7.02	3	H	5	2.29	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX



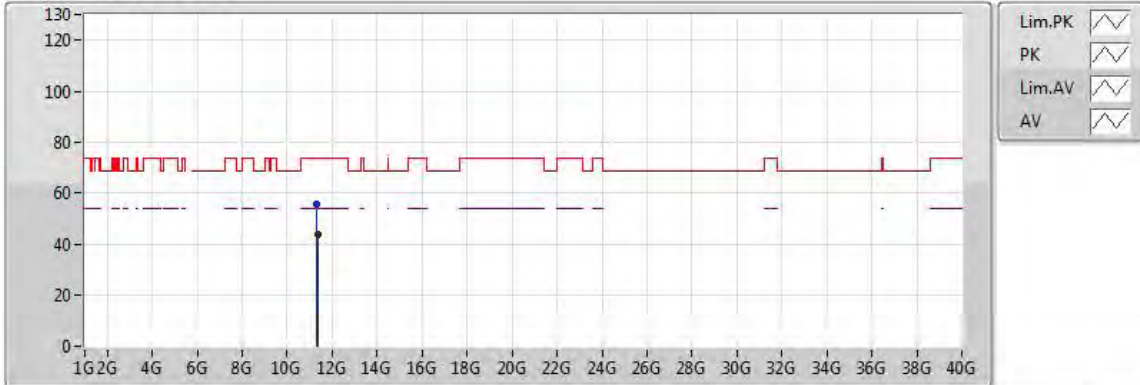
20170623
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34708G	43.27	54.00	-10.73	16.03	3	V	74	1.68	-
PK	11.3466G	55.43	74.00	-18.57	16.03	3	V	74	1.68	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5670MHz_TX



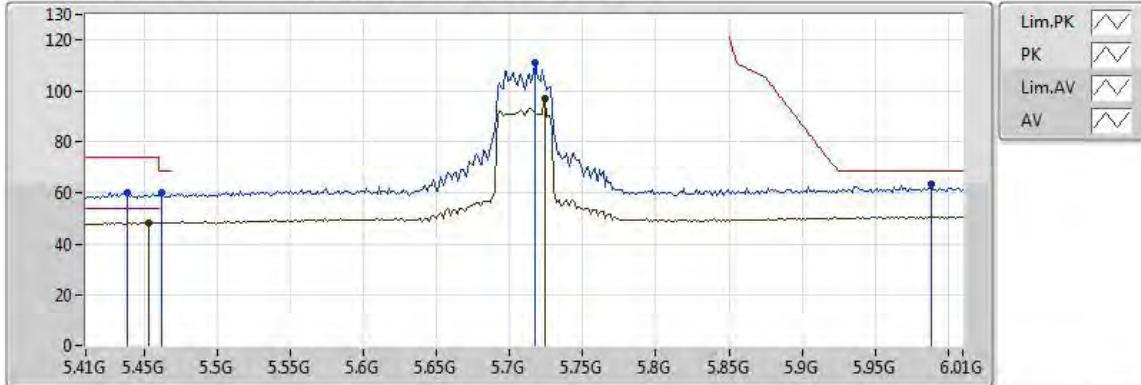
20170623
 EUT Y_2TX
 Setting 24
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.34312G	43.51	54.00	-10.49	16.03	3	H	271	1.44	-
PK	11.33256G	55.75	74.00	-18.25	16.02	3	H	271	1.44	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX



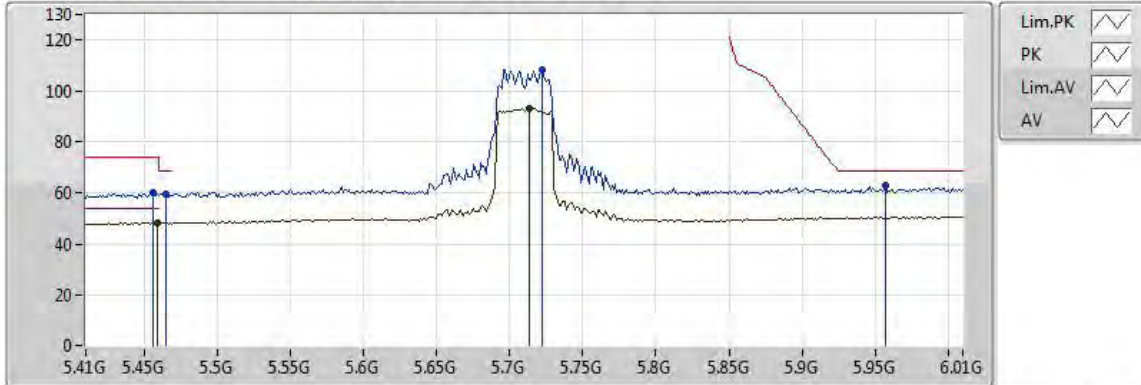
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 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4532G	48.34	54.00	-5.66	5.94	3	V	238	1.50	-
AV	5.7244G	96.70	Inf	-Inf	7.02	3	V	238	1.50	-
PK	5.4388G	59.83	74.00	-14.17	5.88	3	V	238	1.50	-
PK	5.4616G	59.72	68.20	-8.48	5.98	3	V	238	1.50	-
PK	5.7172G	111.16	Inf	-Inf	7.01	3	V	238	1.50	-
PK	5.9884G	63.05	68.20	-5.15	8.40	3	V	238	1.50	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX



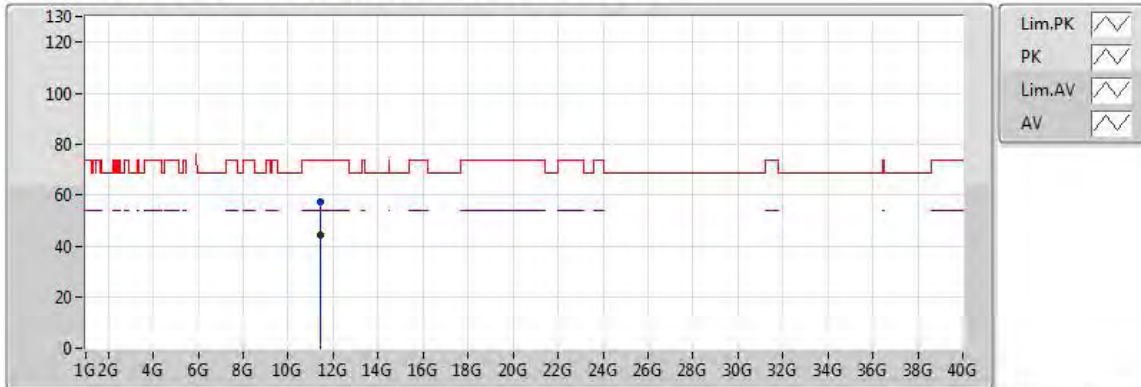
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 EUT_Y_2TX
 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4592G	48.40	54.00	-5.60	5.97	3	H	125	2.23	-
AV	5.7136G	93.18	Inf	-Inf	7.00	3	H	125	2.23	-
PK	5.4556G	59.90	74.00	-14.10	5.96	3	H	125	2.23	-
PK	5.4652G	59.45	68.20	-8.75	6.00	3	H	125	2.23	-
PK	5.722G	108.32	Inf	-Inf	7.02	3	H	125	2.23	-
PK	5.9572G	62.53	68.20	-5.67	8.20	3	H	125	2.23	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX



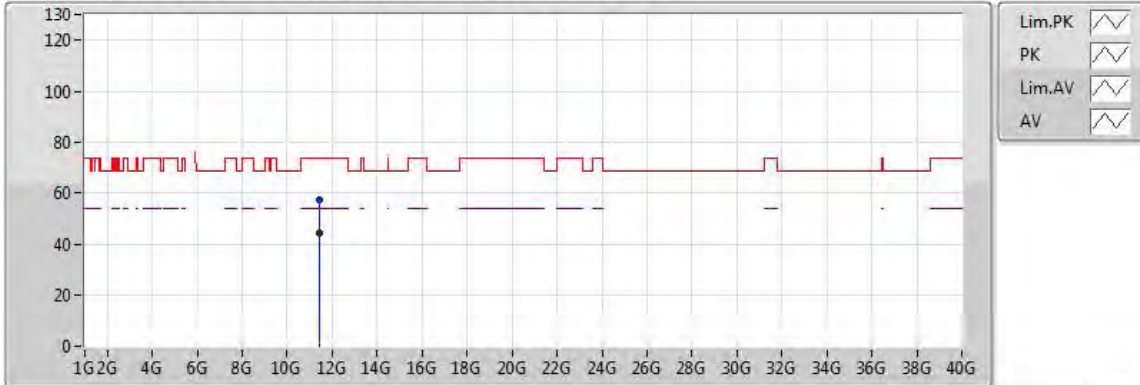
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EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.40704G	44.31	54.00	-9.69	16.07	3	V	6	1.90	-
PK	11.42222G	57.30	74.00	-16.70	16.08	3	V	6	1.90	-



802.11ac VHT40-BF_Nss1,(MCS0)_2TX

5710MHz Straddle 5.47-5.725GHz_TX



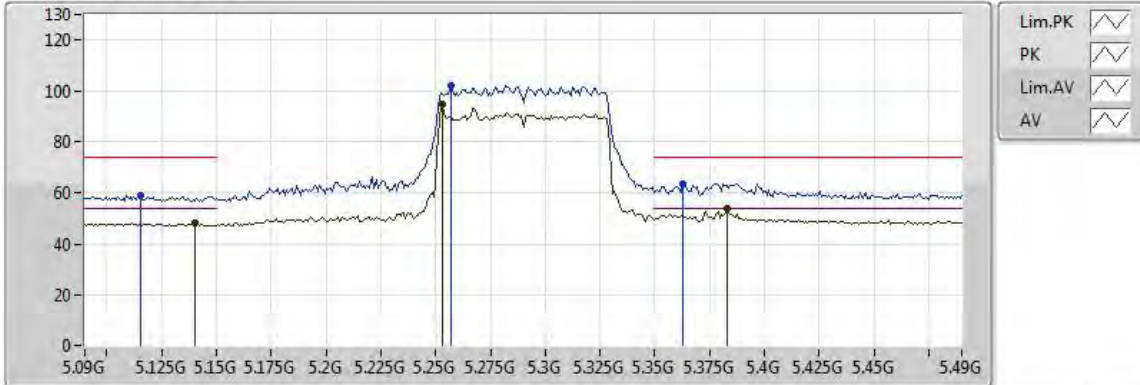
20170629
 EUT Y_2TX
 Setting 24
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.41544G	44.26	54.00	-9.74	16.07	3	H	241	1.08	-
PK	11.42906G	56.97	74.00	-17.03	16.08	3	H	241	1.08	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX



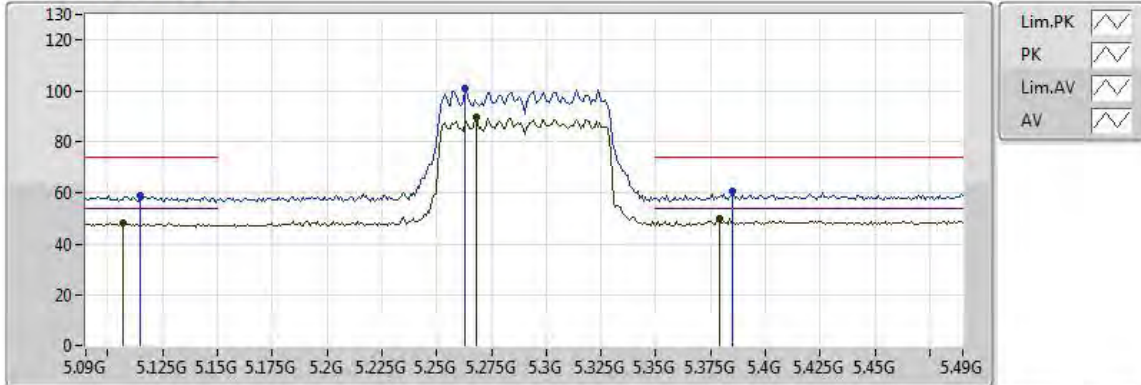
20170623
 EUT_Y_2TX
 Setting 17
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1404G	48.04	54.00	-5.96	5.28	3	V	243	1.50	-
AV	5.2532G	94.69	Inf	-Inf	5.55	3	V	243	1.50	-
AV	5.3828G	53.87	54.00	-0.13	5.68	3	V	243	1.50	-
PK	5.1156G	58.99	74.00	-15.01	5.19	3	V	243	1.50	-
PK	5.2572G	101.88	Inf	-Inf	5.55	3	V	243	1.50	-
PK	5.3628G	63.36	74.00	-10.64	5.66	3	V	243	1.50	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX



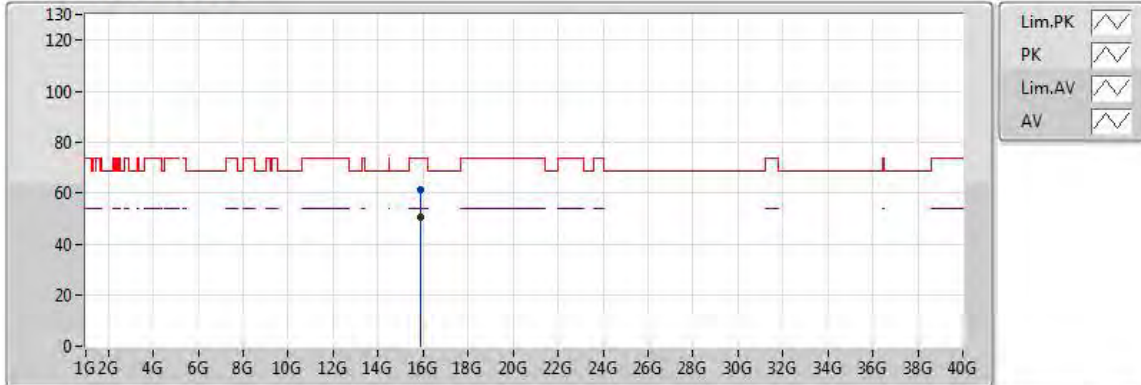
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Setting 17
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.1068G	48.23	54.00	-5.77	5.16	3	H	153	2.09	-
AV	5.2684G	89.75	Inf	-Inf	5.57	3	H	153	2.09	-
AV	5.3788G	49.68	54.00	-4.32	5.68	3	H	153	2.09	-
PK	5.1148G	58.89	74.00	-15.11	5.19	3	H	153	2.09	-
PK	5.2628G	101.09	Inf	-Inf	5.56	3	H	153	2.09	-
PK	5.3852G	60.26	74.00	-13.74	5.69	3	H	153	2.09	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX



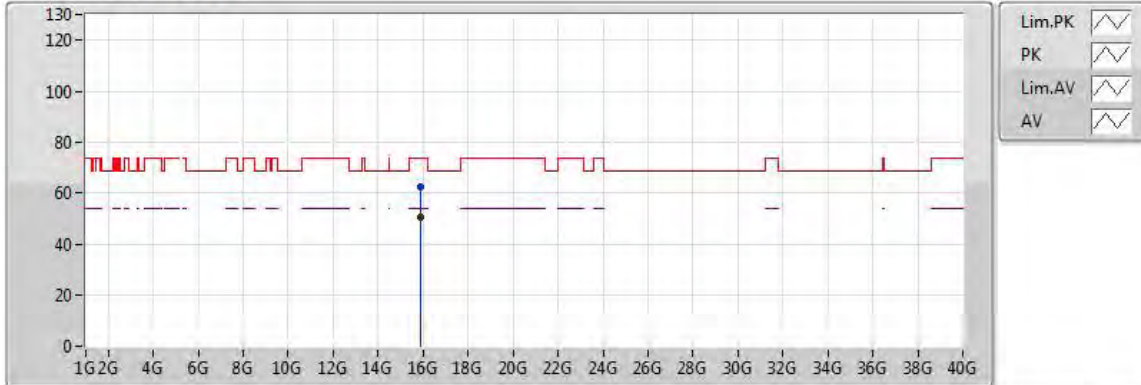
20170623
 EUT Y_2TX
 Setting 17
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.87654G	50.20	54.00	-3.80	18.07	3	V	129	1.16	-
PK	15.86838G	61.11	74.00	-12.89	18.06	3	V	129	1.16	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5290MHz_TX



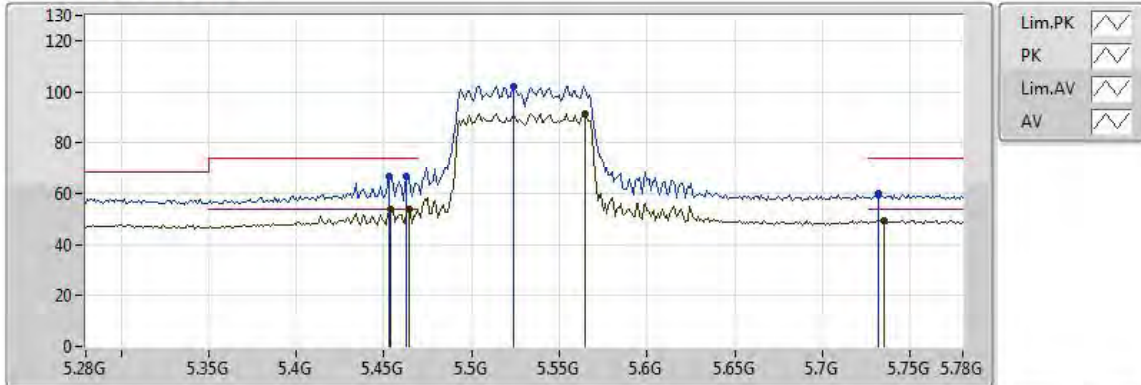
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 Setting 17
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	15.86892G	50.50	54.00	-3.50	18.06	3	H	198	2.32	-
PK	15.86118G	62.21	74.00	-11.79	18.06	3	H	198	2.32	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX



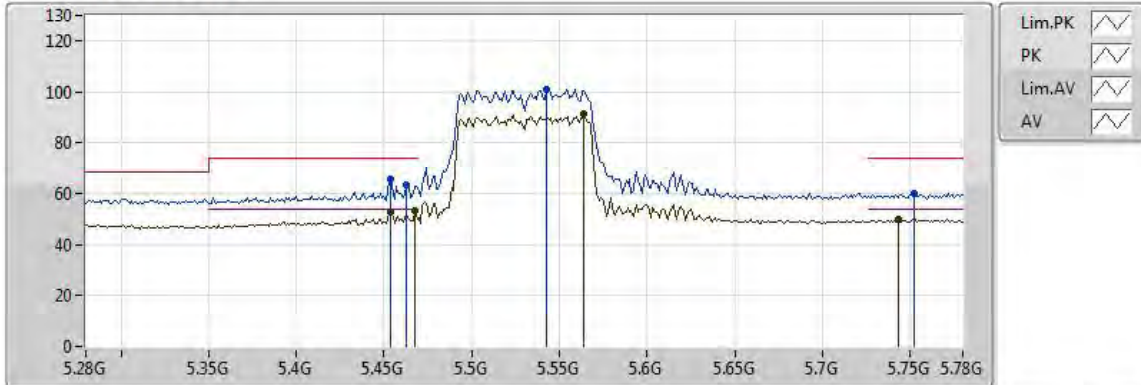
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EUT Y_2TX
Setting 20
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.454G	53.58	54.00	-0.42	5.95	3	V	269	1.23	-
AV	5.464G	53.86	54.00	-0.14	5.99	3	V	269	1.23	-
AV	5.565G	91.53	Inf	-Inf	6.56	3	V	269	1.23	-
AV	5.735G	49.49	54.00	-4.51	7.04	3	V	269	1.23	-
PK	5.453G	66.85	74.00	-7.15	5.94	3	V	269	1.23	-
PK	5.463G	66.42	74.00	-7.58	5.99	3	V	269	1.23	-
PK	5.524G	102.10	Inf	-Inf	6.31	3	V	269	1.23	-
PK	5.732G	59.77	74.00	-14.23	7.04	3	V	269	1.23	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX



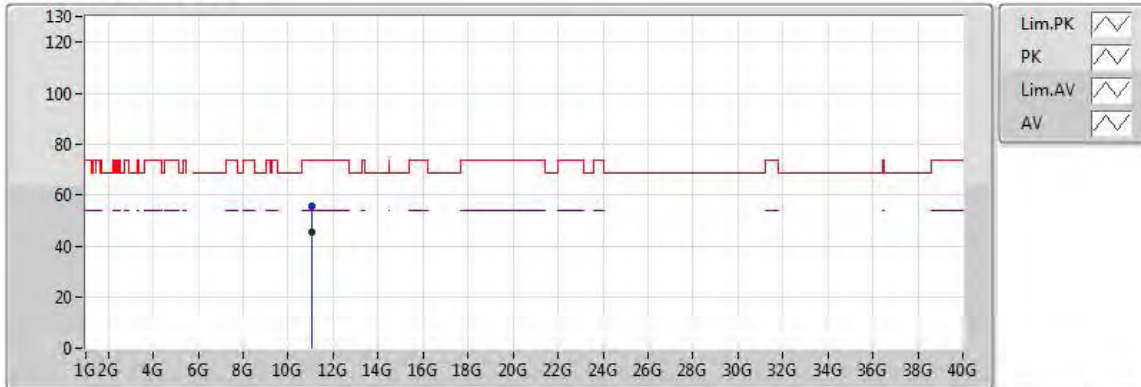
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 Setting 20
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.454G	52.84	54.00	-1.16	5.95	3	H	249	1.01	-
AV	5.468G	53.36	54.00	-0.64	6.01	3	H	249	1.01	-
AV	5.564G	91.29	Inf	-Inf	6.56	3	H	249	1.01	-
AV	5.743G	49.92	54.00	-4.08	7.06	3	H	249	1.01	-
PK	5.454G	65.36	74.00	-8.64	5.95	3	H	249	1.01	-
PK	5.463G	63.04	74.00	-10.96	5.99	3	H	249	1.01	-
PK	5.543G	101.10	Inf	-Inf	6.43	3	H	249	1.01	-
PK	5.752G	59.97	74.00	-14.03	7.08	3	H	249	1.01	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX



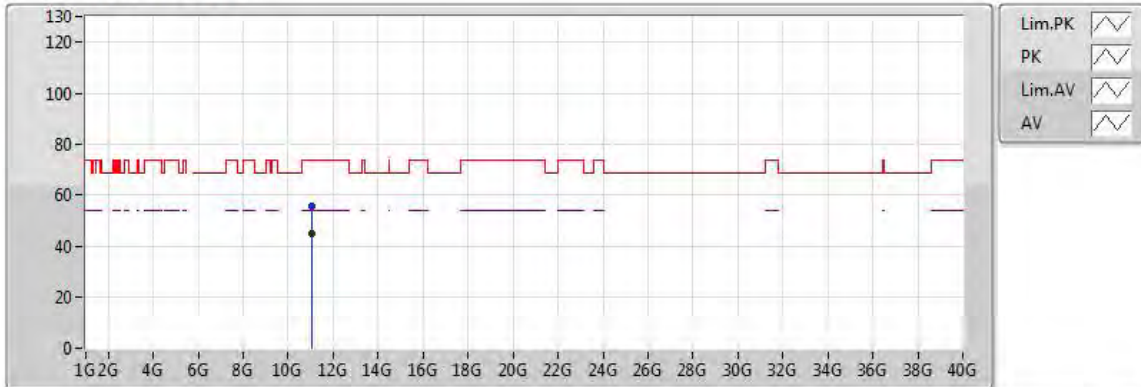
20170623
 EUT Y_2TX
 Setting 20
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.0735G	45.16	54.00	-8.84	15.85	3	V	38	2.43	-
PK	11.07158G	55.70	74.00	-18.30	15.85	3	V	38	2.43	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5530MHz_TX



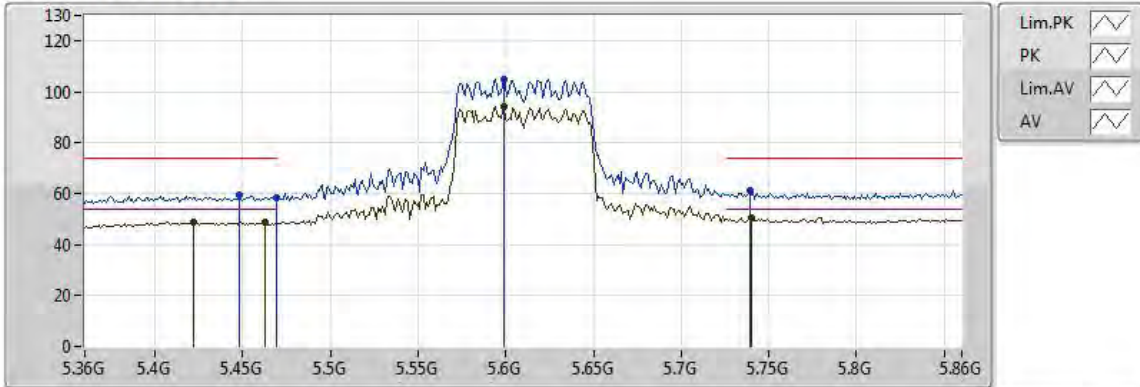
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EUT Y_2TX
Setting 20
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.07422G	45.05	54.00	-8.95	15.85	3	H	337	2.31	-
PK	11.05472G	55.40	74.00	-18.60	15.84	3	H	337	2.31	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX



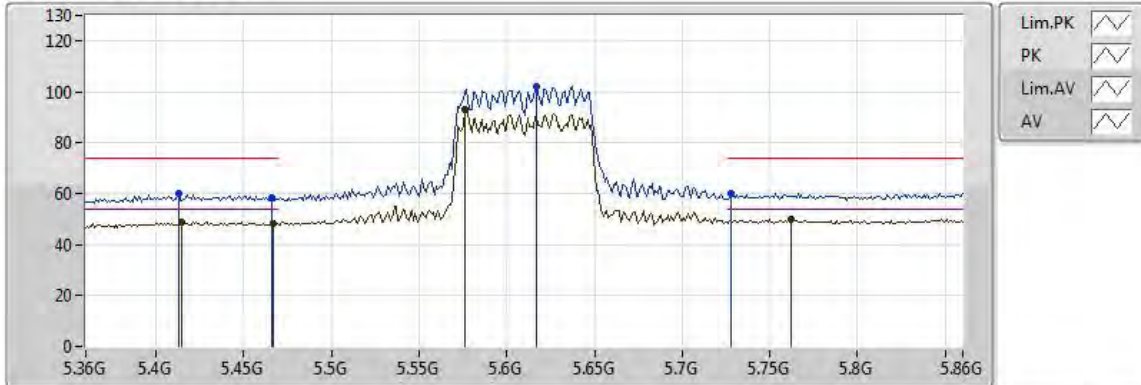
20170623
EUT Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.422G	48.65	54.00	-5.35	5.80	3	V	242	1.07	-
AV	5.463G	48.66	54.00	-5.34	5.99	3	V	242	1.07	-
AV	5.599G	94.12	Inf	-Inf	6.77	3	V	242	1.07	-
AV	5.74G	50.49	54.00	-3.51	7.05	3	V	242	1.07	-
PK	5.448G	59.21	74.00	-14.79	5.92	3	V	242	1.07	-
PK	5.469G	58.51	74.00	-15.49	6.02	3	V	242	1.07	-
PK	5.599G	105.01	Inf	-Inf	6.77	3	V	242	1.07	-
PK	5.739G	61.22	74.00	-12.78	7.05	3	V	242	1.07	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX



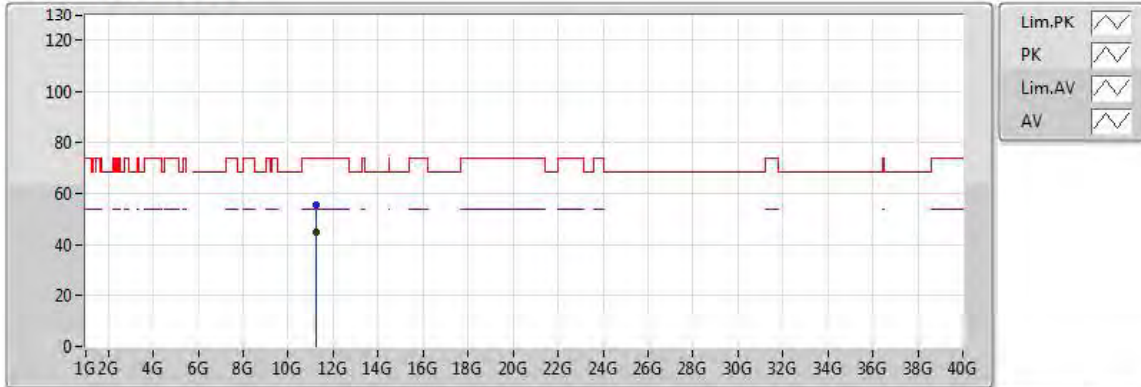
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 EUT Y_2TX
 Setting 24
 04-J-5-10
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.415G	48.91	54.00	-5.09	5.77	3	H	230	2.43	-
AV	5.467G	48.16	54.00	-5.84	6.01	3	H	230	2.43	-
AV	5.576G	93.14	Inf	-Inf	6.63	3	H	230	2.43	-
AV	5.762G	50.05	54.00	-3.95	7.10	3	H	230	2.43	-
PK	5.413G	60.02	74.00	-13.98	5.76	3	H	230	2.43	-
PK	5.466G	58.46	74.00	-15.54	6.00	3	H	230	2.43	-
PK	5.617G	102.09	Inf	-Inf	6.81	3	H	230	2.43	-
PK	5.728G	60.00	74.00	-14.00	7.03	3	H	230	2.43	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX



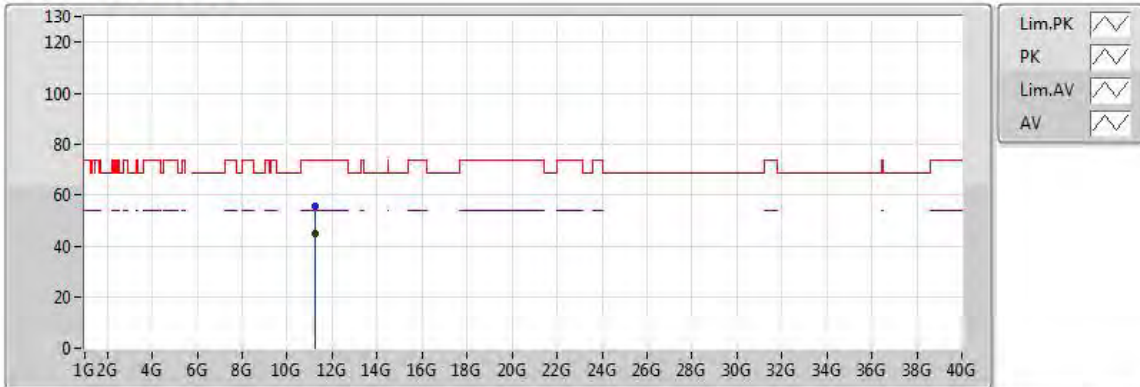
20170623
 EUT Y_2TX
 Setting 24
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.2194G	44.70	54.00	-9.30	15.94	3	V	136	1.34	-
PK	11.22834G	55.55	74.00	-18.45	15.95	3	V	136	1.34	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5610MHz_TX



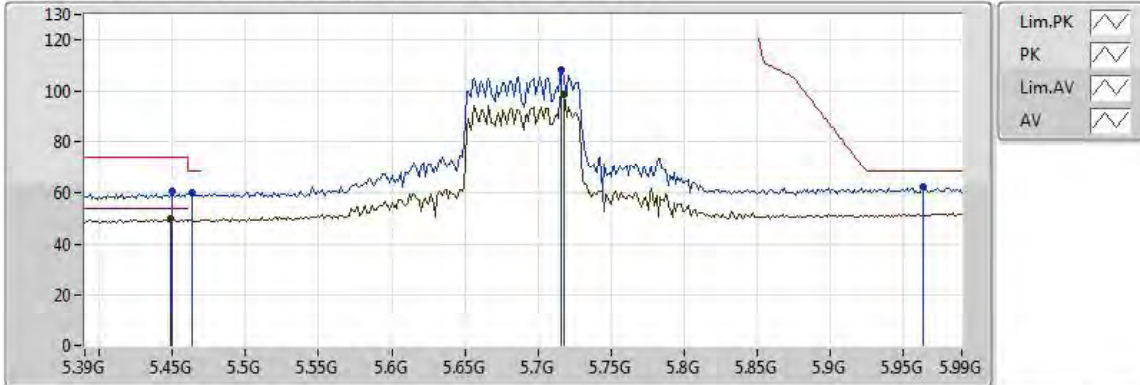
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 EUT Y_2TX
 Setting 24
 04-J-5
 FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.21904G	44.63	54.00	-9.37	15.94	3	H	171	1.85	-
PK	11.21286G	55.62	74.00	-18.38	15.94	3	H	171	1.85	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



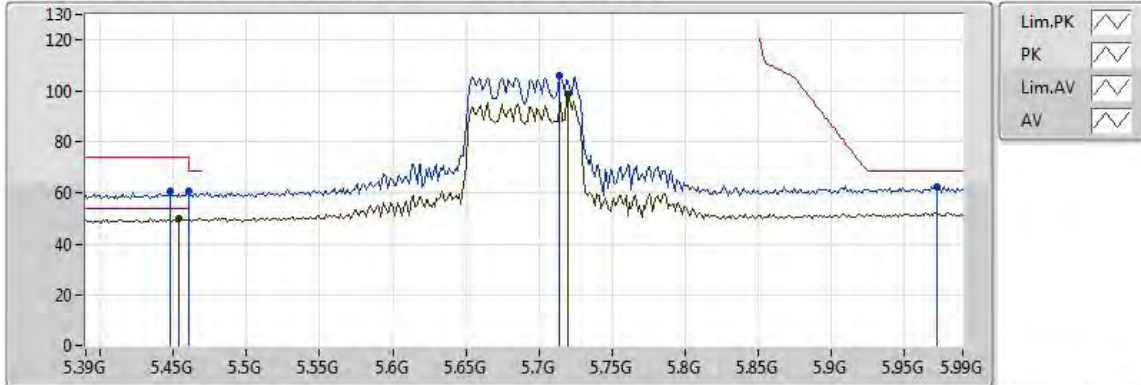
20170629
EUT_Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4488G	49.80	54.00	-4.20	5.92	3	V	220	2.01	-
AV	5.7176G	98.56	Inf	-Inf	7.01	3	V	220	2.01	-
PK	5.45G	60.24	74.00	-13.76	5.93	3	V	220	2.01	-
PK	5.4632G	59.73	68.20	-8.47	5.99	3	V	220	2.01	-
PK	5.7164G	108.36	Inf	-Inf	7.00	3	V	220	2.01	-
PK	5.9636G	62.00	68.20	-6.20	8.24	3	V	220	2.01	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



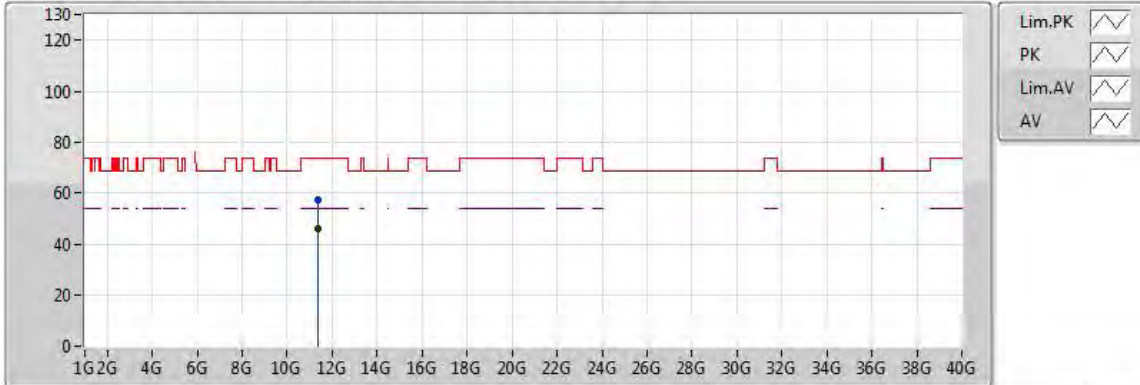
20170629
EUT_Y_2TX
Setting 24
04-J-5-10
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	5.4536G	49.77	54.00	-4.23	5.95	3	H	181	2.23	-
AV	5.72G	98.46	Inf	-Inf	7.01	3	H	181	2.23	-
PK	5.4476G	60.31	74.00	-13.69	5.92	3	H	181	2.23	-
PK	5.460005G	60.30	68.20	-7.90	5.98	3	H	181	2.23	-
PK	5.714G	105.64	Inf	-Inf	7.00	3	H	181	2.23	-
PK	5.972G	62.22	68.20	-5.98	8.30	3	H	181	2.23	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



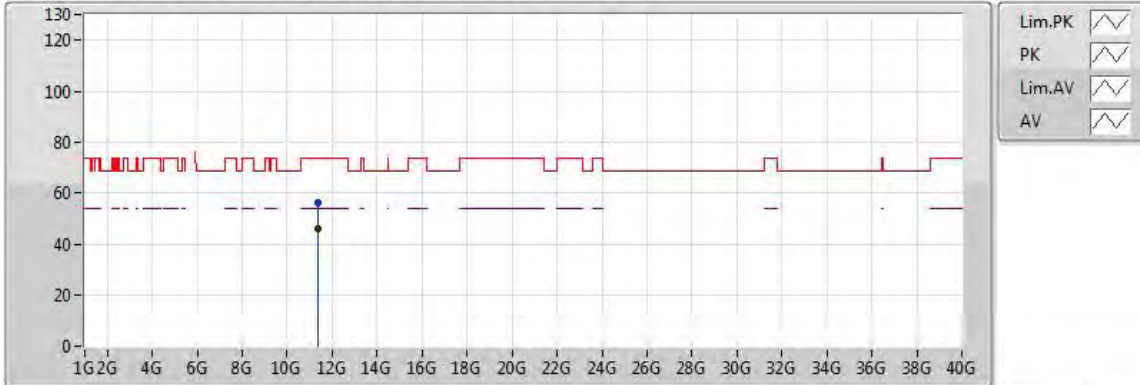
20170629
EUT Y_2TX
Setting 24
04-J-5
FSP(100304)

Type	Freq(Hz)	Level(dBuV/m)	Limit(dBuV/m)	Margin(dB)	Factor(dB)	Dist(m)	Pol.(H/V)	Azimuth(°)	Height(m)	Comments
AV	11.38768G	46.17	54.00	-7.83	16.06	3	V	316	1.59	-
PK	11.3866G	57.33	74.00	-16.67	16.06	3	V	316	1.59	-



802.11ac VHT80-BF_Nss1,(MCS0)_2TX

5690MHz Straddle 5.47-5.725GHz_TX



20170629
 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	11.39176G	45.69	54.00	-8.31	16.06	3	H	310	1.95	-
PK	11.38666G	56.25	74.00	-17.75	16.06	3	H	310	1.95	-

3.6 Frequency Stability

3.6.1 Frequency Stability Limit

Frequency Stability Limit	
UNII Devices	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> N/A 	
IEEE Std. 802.11	
<ul style="list-style-type: none"> 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. 	

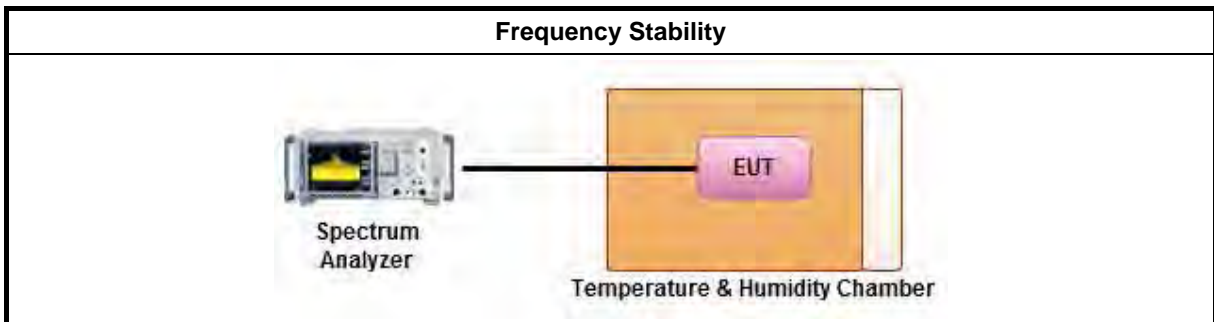
3.6.2 Measuring Instruments

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

3.6.3 Test Procedures

Test Method	
<ul style="list-style-type: none"> Refer as ANSI C63.10, clause 6.8 for frequency stability tests 	
	<ul style="list-style-type: none"> Frequency stability with respect to ambient temperature
	<ul style="list-style-type: none"> Frequency stability when varying supply voltage
	<ul style="list-style-type: none"> Extreme temperature is 0°C~40°C.

3.6.4 Test Setup





3.6.5 Test Result of Frequency Stability

Mode: 20 MHz / Port 2

Voltage vs. Frequency Stability

Voltage (V)	Measurement Frequency (MHz)			
	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5299.9938	5299.9928	5299.9918	5299.9917
110.00	5299.9934	5299.9928	5299.9919	5299.9916
93.50	5299.9929	5299.9928	5299.9922	5299.9913
Max. Deviation (MHz)	0.0071	0.0072	0.0082	0.0087
Max. Deviation (ppm)	1.34	1.36	1.55	1.64
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5300 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5299.9944	5299.9939	5299.9933	5299.9928
10	5299.9941	5299.9931	5299.9921	5299.9917
20	5299.9934	5299.9927	5299.9923	5299.9914
30	5299.9891	5299.9881	5299.9880	5299.9871
40	5299.9889	5299.9888	5299.9882	5299.9874
Max. Deviation (MHz)	0.0111	0.0119	0.0120	0.0129
Max. Deviation (ppm)	2.09	2.25	2.26	2.43
Result	Pass			

**Voltage vs. Frequency Stability**

Voltage (V)	Measurement Frequency (MHz)			
	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5579.9939	5579.9938	5579.9934	5579.9933
110.00	5579.9934	5579.9931	5579.9924	5579.9921
93.50	5579.9924	5579.9918	5579.9917	5579.9908
Max. Deviation (MHz)	0.0076	0.0082	0.0083	0.0092
Max. Deviation (ppm)	1.36	1.47	1.49	1.65
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5580 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5579.9938	5579.9928	5579.9927	5579.9923
10	5579.9936	5579.9934	5579.9932	5579.9924
20	5579.9934	5579.9927	5579.9921	5579.9914
30	5579.9891	5579.9883	5579.9877	5579.9873
40	5579.9871	5579.9867	5579.9862	5579.9858
Max. Deviation (MHz)	0.0129	0.0133	0.0138	0.0142
Max. Deviation (ppm)	2.31	2.38	2.47	2.54
Result	Pass			

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

Voltage (V)	Measurement Frequency (MHz)			
	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5309.9941	5309.9933	5309.9923	5309.9922
110.00	5309.9934	5309.9930	5309.9922	5309.9917
93.50	5309.9925	5309.9917	5309.9910	5309.9901
Max. Deviation (MHz)	0.0075	0.0083	0.0090	0.0099
Max. Deviation (ppm)	1.41	1.56	1.69	1.86
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5310 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5309.9963	5309.9960	5309.9954	5309.9949
10	5309.9943	5309.9941	5309.9940	5309.9933
20	5309.9934	5309.9933	5309.9926	5309.9920
30	5309.9891	5309.9886	5309.9882	5309.9879
40	5309.9875	5309.9865	5309.9859	5309.9854
Max. Deviation (MHz)	0.0125	0.0135	0.0141	0.0146
Max. Deviation (ppm)	2.35	2.54	2.66	2.75
Result	Pass			

**Voltage vs. Frequency Stability**

Voltage (V)	Measurement Frequency (MHz)			
	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5549.9940	5549.9935	5549.9929	5549.9927
110.00	5549.9934	5549.9929	5549.9926	5549.9921
93.50	5549.9932	5549.9922	5549.9920	5549.9919
Max. Deviation (MHz)	0.0068	0.0078	0.0080	0.0081
Max. Deviation (ppm)	1.23	1.41	1.44	1.46
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5550 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5549.9961	5549.9955	5549.9946	5549.9943
10	5549.9952	5549.9947	5549.9938	5549.9933
20	5549.9934	5549.9927	5549.9922	5549.9918
30	5549.9891	5549.9881	5549.9877	5549.9873
40	5549.9886	5549.9878	5549.9868	5549.9859
Max. Deviation (MHz)	0.0114	0.0122	0.0132	0.0141
Max. Deviation (ppm)	2.05	2.20	2.38	2.54
Result	Pass			

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

Voltage (V)	Measurement Frequency (MHz)			
	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5289.9938	5289.9936	5289.9929	5289.9927
110.00	5289.9934	5289.9930	5289.9929	5289.9925
93.50	5289.9925	5289.9919	5289.9912	5289.9904
Max. Deviation (MHz)	0.0075	0.0081	0.0088	0.0096
Max. Deviation (ppm)	1.42	1.53	1.66	1.81
Result	Pass			

Temperature vs. Frequency Stability

Temperature (°C)	Measurement Frequency (MHz)			
	5290 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5289.9971	5289.9969	5289.9963	5289.9962
10	5289.9954	5289.9952	5289.9946	5289.9943
20	5289.9934	5289.9932	5289.9923	5289.9922
30	5289.9891	5289.9887	5289.9884	5289.9876
40	5289.9875	5289.9868	5289.9861	5289.9855
Max. Deviation (MHz)	0.0125	0.0132	0.0139	0.0145
Max. Deviation (ppm)	2.36	2.50	2.63	2.74
Result	Pass			

**Voltage vs. Frequency Stability**

Voltage	Measurement Frequency (MHz)			
(V)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
126.50	5529.9938	5529.9930	5529.9927	5529.9924
110.00	5529.9934	5529.9924	5529.9914	5529.9913
93.50	5529.9928	5529.9920	5529.9914	5529.9911
Max. Deviation (MHz)	0.0072	0.0080	0.0086	0.0089
Max. Deviation (ppm)	1.30	1.45	1.56	1.61
Result	Pass			

Temperature vs. Frequency Stability

Temperature	Measurement Frequency (MHz)			
(°C)	5530 MHz			
	0 Minute	2 Minute	5 Minute	10 Minute
0	5529.9963	5529.9953	5529.9947	5529.9945
10	5529.9947	5529.9943	5529.9937	5529.9927
20	5529.9934	5529.9931	5529.9926	5529.9917
30	5529.9891	5529.9888	5529.9879	5529.9876
40	5529.9880	5529.9878	5529.9875	5529.9871
Max. Deviation (MHz)	0.0120	0.0122	0.0125	0.0129
Max. Deviation (ppm)	2.17	2.21	2.26	2.33
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	6.2009-10-7	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.

