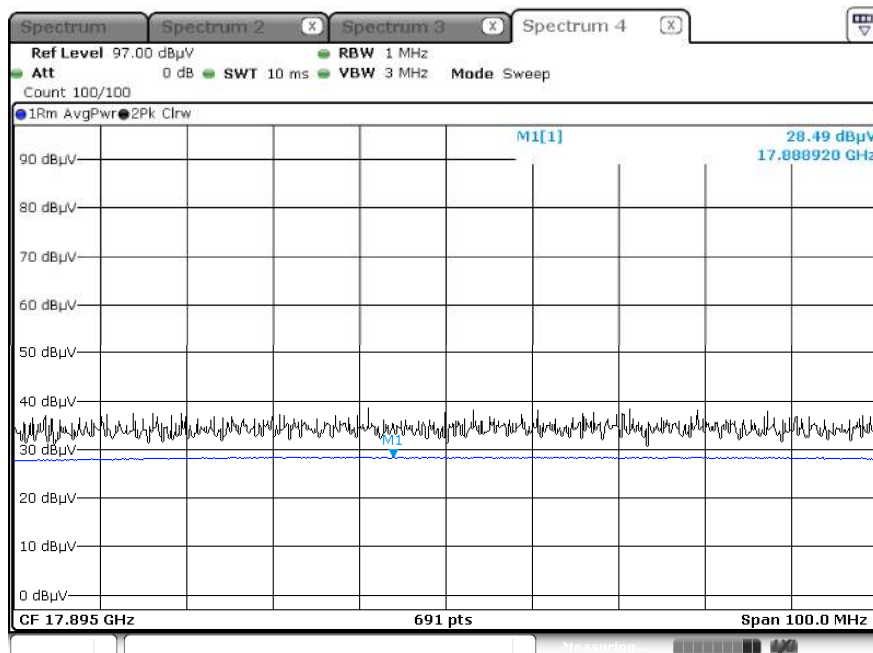


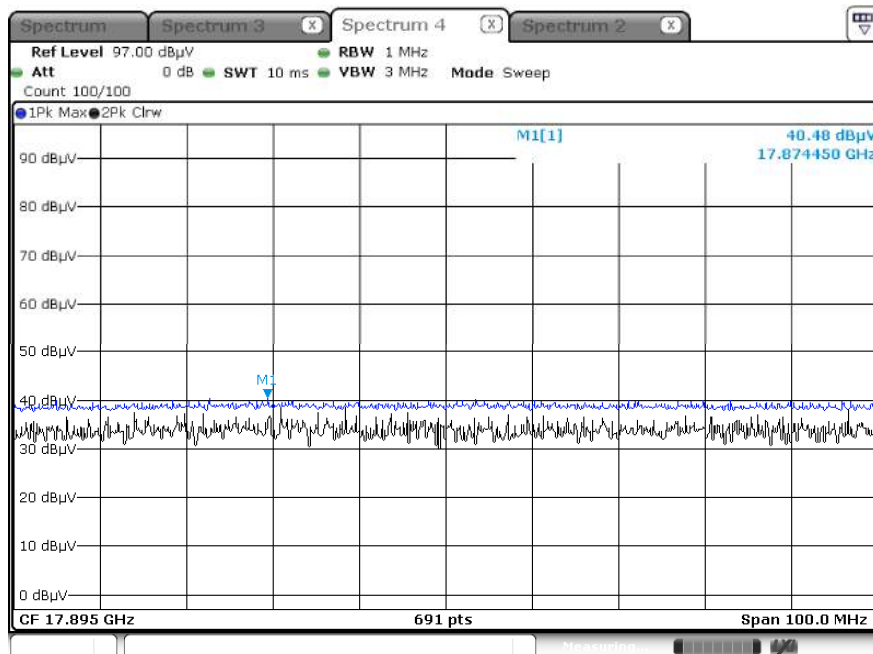
Test Plots

[MIMO_CDD(Ant1+Ant2)]

Average result (802.11ax(HE40), Ch.3 3rd Harmonic, Z-H, 484T, RU65)



Peak result (802.11ax(HE40), Ch.3 3rd Harmonic, Z-H, 484T, RU65)



Note:

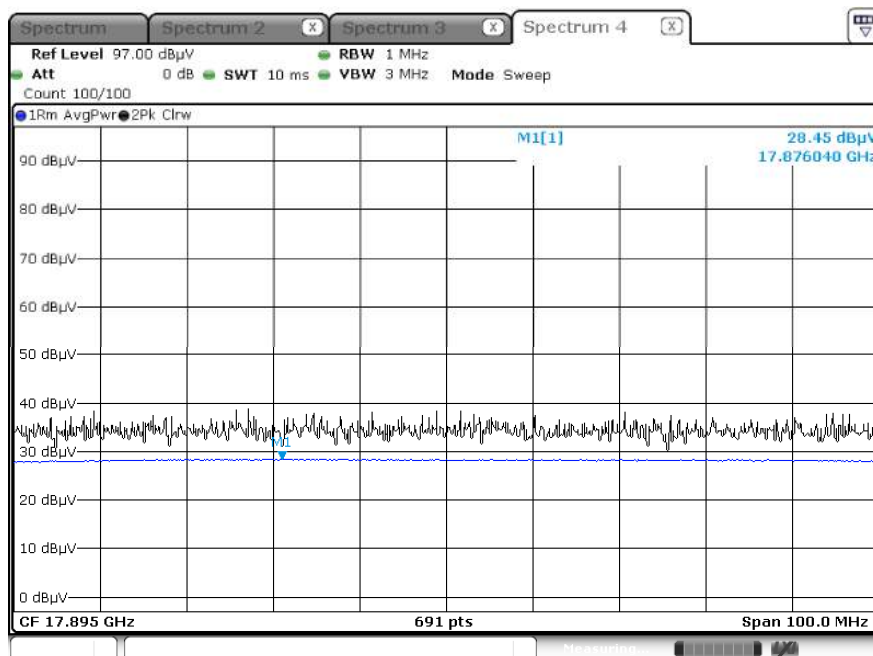
Only the worst case plots for Radiated Spurious Emissions.

[RSDB]

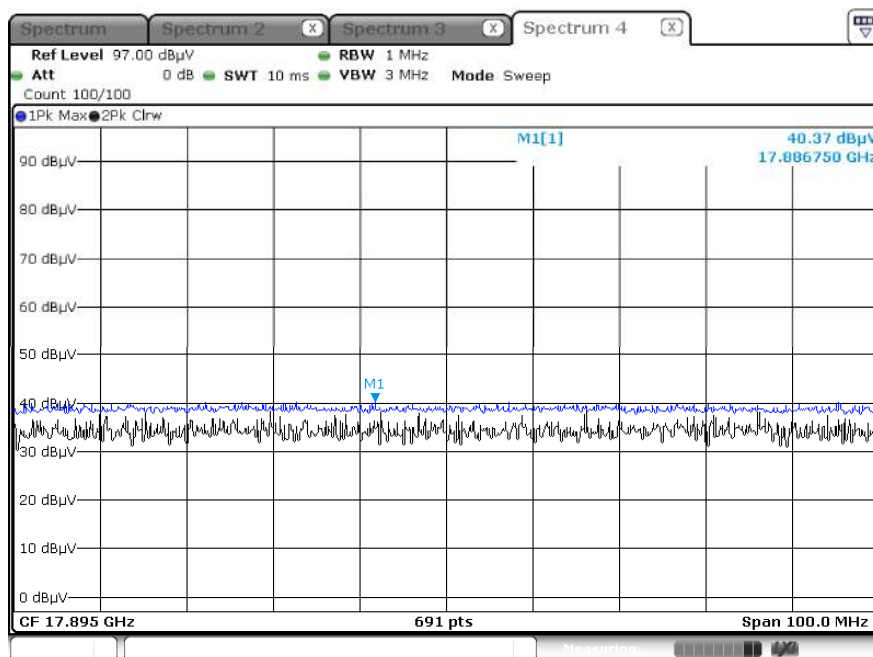
Scenario 3

Dual Bluetooth DH5_Ch.78 + Ant All(MIMO) 6 GHz 802.11ax(HE40)_Ch.3_484T_RU65

Radiated Spurious Emissions plot – Average Result (Spurious Emissions, 3rd, X-H)



Radiated Spurious Emissions plot – Peak Result (Spurious Emissions, 3rd, X-H)



Note: Only the worst case plots for Radiated Spurious Emissions.

10.12 RADIATED RESTRICTED BAND EDGE

[MIMO_CDD(Ant1+Ant2)]

1) 802.11a

Band :	UNII 5
Operation Mode :	802.11a
Transfer Rate :	6 Mbps
Operating Frequency :	5935 MHz
Channel No. :	2 Ch

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#5924.5	65.79	0.00	10.61	H	76.40	88.23	11.83	PK
#5924.5	46.74	0.29	10.61	H	57.64	68.23	10.59	AV
#5923.5	57.23	0.00	10.61	H	67.84	88.23	20.39	PK
#5923.5	54.13	0.29	10.61	H	65.03	68.23	3.20	AV
5460 - 5923	61.06	0.00	10.61	H	71.67	88.23	16.56	PK
5460 - 5923	44.25	0.29	10.61	H	55.15	68.23	13.08	AV
5350 - 5460	40.52	0.00	9.03	H	49.55	73.98	24.43	PK
5350 - 5460	28.64	0.29	9.03	H	37.96	53.98	16.02	AV
#5924.5	65.03	0.00	10.61	V	75.64	88.23	12.59	PK
#5924.5	45.89	0.29	10.61	V	56.79	68.23	11.44	AV
#5923.5	56.51	0.00	10.61	V	67.12	88.23	21.11	PK
#5923.5	53.62	0.29	10.61	V	64.52	68.23	3.71	AV
5460 - 5923	60.69	0.00	10.61	V	71.30	88.23	16.93	PK
5460 - 5923	43.85	0.29	10.61	V	54.75	68.23	13.48	AV
5350 - 5460	40.49	0.00	9.03	V	49.52	73.98	24.46	PK
5350 - 5460	26.55	0.29	9.03	V	35.87	53.98	18.11	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

Band :	UNII 8
Operation Mode :	802.11a
Transfer Rate :	6 Mbps
Operating Frequency :	7115 MHz
Channel No. :	233 Ch

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#7125.5	61.52	0.00	14.51	H	76.03	88.23	12.20	PK
#7125.5	49.06	0.29	14.51	H	63.86	68.23	4.37	AV
#7126.5	52.89	0.00	14.51	H	67.40	88.23	20.83	PK
#7126.5	40.87	0.29	14.51	H	55.67	68.23	12.56	AV
7127 - 7250	55.83	0.00	15.06	H	70.89	88.23	17.34	PK
7127 - 7250	38.05	0.29	15.06	H	53.40	68.23	14.83	AV
7250 - 7750	37.88	0.00	15.13	H	53.01	73.98	20.97	PK
7250 - 7750	26.33	0.29	15.13	H	41.75	53.98	12.23	AV
#7125.5	61.02	0.00	14.51	V	75.53	88.23	12.70	PK
#7125.5	48.62	0.29	14.51	V	63.42	68.23	4.81	AV
#7126.5	52.12	0.00	14.51	V	66.63	88.23	21.60	PK
#7126.5	40.12	0.29	14.51	V	54.92	68.23	13.31	AV
7127 - 7250	55.41	0.00	15.06	V	70.47	88.23	17.76	PK
7127 - 7250	37.50	0.29	15.06	V	52.85	68.23	15.38	AV
7250 - 7750	37.51	0.00	15.13	V	52.64	73.98	21.34	PK
7250 - 7750	26.12	0.29	15.13	V	41.54	53.98	12.44	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

2) 802.11ax(HE20) 26 Tone

Band :	UNII 5
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	5935 MHz
Channel No. :	2 Ch
RU Offset :	0

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#5924.5	65.12	0.00	10.61	H	75.73	88.23	12.50	PK
#5924.5	52.89	0.02	10.61	H	63.52	68.23	4.71	AV
#5923.5	55.32	0.00	10.61	H	65.93	88.23	22.30	PK
#5923.5	42.67	0.02	10.61	H	53.30	68.23	14.93	AV
5460 - 5923	63.04	0.00	10.61	H	73.65	88.23	14.58	PK
5460 - 5923	39.88	0.02	10.61	H	50.51	68.23	17.72	AV
5350 - 5460	40.73	0.00	9.03	H	49.76	73.98	24.22	PK
5350 - 5460	28.61	0.02	9.03	H	37.66	53.98	16.32	AV
#5924.5	64.32	0.00	10.61	V	74.93	88.23	13.30	PK
#5924.5	51.95	0.02	10.61	V	62.58	68.23	5.65	AV
#5923.5	54.74	0.00	10.61	V	65.35	88.23	22.88	PK
#5923.5	41.85	0.02	10.61	V	52.48	68.23	15.75	AV
5460 - 5923	62.55	0.00	10.61	V	73.16	88.23	15.07	PK
5460 - 5923	39.01	0.02	10.61	V	49.64	68.23	18.59	AV
5350 - 5460	40.55	0.00	9.03	V	49.58	73.98	24.40	PK
5350 - 5460	26.55	0.02	9.03	V	35.60	53.98	18.38	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

Band :	UNII 8
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	7115 MHz
Channel No. :	233 Ch
RU Offset :	8

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#7125.5	62.98	0.00	14.51	H	77.49	88.23	10.74	PK
#7125.5	50.69	0.02	14.51	H	65.22	68.23	3.01	AV
#7126.5	53.19	0.00	14.51	H	67.70	88.23	20.53	PK
#7126.5	40.49	0.02	14.51	H	55.02	68.23	13.21	AV
7127 - 7250	60.64	0.00	15.06	H	75.70	88.23	12.53	PK
7127 - 7250	37.10	0.02	15.06	H	52.18	68.23	16.05	AV
7250 - 7750	37.93	0.00	15.13	H	53.06	73.98	20.92	PK
7250 - 7750	26.42	0.02	15.13	H	41.57	53.98	12.41	AV
#7125.5	61.46	0.00	14.51	V	75.97	88.23	12.26	PK
#7125.5	49.67	0.02	14.51	V	64.20	68.23	4.03	AV
#7126.5	51.38	0.00	14.51	V	65.89	88.23	22.34	PK
#7126.5	39.37	0.02	14.51	V	53.90	68.23	14.33	AV
7127 - 7250	58.80	0.00	15.06	V	73.86	88.23	14.37	PK
7127 - 7250	36.92	0.02	15.06	V	52.00	68.23	16.23	AV
7250 - 7750	37.87	0.00	15.13	V	53.00	73.98	20.98	PK
7250 - 7750	26.35	0.02	15.13	V	41.50	53.98	12.48	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

3) 802.11ax(HE20) 52 Tone

Band :	UNII 5
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	5935 MHz
Channel No. :	2 Ch
RU Offset :	37

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#5924.5	66.26	0.00	10.61	H	76.87	88.23	11.36	PK
#5924.5	54.71	0.02	10.61	H	65.34	68.23	2.89	AV
#5923.5	56.58	0.00	10.61	H	67.19	88.23	21.04	PK
#5923.5	44.77	0.02	10.61	H	55.40	68.23	12.83	AV
5460 - 5923	63.84	0.00	10.61	H	74.45	88.23	13.78	PK
5460 - 5923	41.73	0.02	10.61	H	52.36	68.23	15.87	AV
5350 - 5460	40.56	0.00	9.03	H	49.59	73.98	24.39	PK
5350 - 5460	28.70	0.02	9.03	H	37.75	53.98	16.23	AV
#5924.5	65.85	0.00	10.61	V	76.46	88.23	11.77	PK
#5924.5	54.02	0.02	10.61	V	64.65	68.23	3.58	AV
#5923.5	55.85	0.00	10.61	V	66.46	88.23	21.77	PK
#5923.5	44.03	0.02	10.61	V	54.66	68.23	13.57	AV
5460 - 5923	63.19	0.00	10.61	V	73.80	88.23	14.43	PK
5460 - 5923	41.12	0.02	10.61	V	51.75	68.23	16.48	AV
5350 - 5460	40.44	0.00	9.03	V	49.47	73.98	24.51	PK
5350 - 5460	28.51	0.02	9.03	V	37.56	53.98	16.42	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

Band :	UNII 8
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	7115 MHz
Channel No. :	233 Ch
RU Offset :	40

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#7125.5	62.25	0.00	14.51	H	76.76	88.23	11.47	PK
#7125.5	50.53	0.02	14.51	H	65.06	68.23	3.17	AV
#7126.5	52.99	0.00	14.51	H	67.50	88.23	20.73	PK
#7126.5	40.97	0.02	14.51	H	55.50	68.23	12.73	AV
7127 - 7250	59.76	0.00	15.06	H	74.82	88.23	13.41	PK
7127 - 7250	38.23	0.02	15.06	H	53.31	68.23	14.92	AV
7250 - 7750	38.40	0.00	15.13	H	53.53	73.98	20.45	PK
7250 - 7750	26.34	0.02	15.13	H	41.49	53.98	12.49	AV
#7125.5	61.94	0.00	14.51	V	76.45	88.23	11.78	PK
#7125.5	49.36	0.02	14.51	V	63.89	68.23	4.34	AV
#7126.5	52.36	0.00	14.51	V	66.87	88.23	21.36	PK
#7126.5	39.41	0.02	14.51	V	53.94	68.23	14.29	AV
7127 - 7250	58.67	0.00	15.06	V	73.73	88.23	14.50	PK
7127 - 7250	37.01	0.02	15.06	V	52.09	68.23	16.14	AV
7250 - 7750	38.20	0.00	15.13	V	53.33	73.98	20.65	PK
7250 - 7750	26.25	0.02	15.13	V	41.40	53.98	12.58	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

4) 802.11ax(HE20) 106 Tone

Band :	UNII 5
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	5935 MHz
Channel No. :	2 Ch
RU Offset :	53

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#5924.5	67.02	0.00	10.61	H	77.63	88.23	10.60	PK
#5924.5	54.72	0.03	10.61	H	65.36	68.23	2.87	AV
#5923.5	57.37	0.00	10.61	H	67.98	88.23	20.25	PK
#5923.5	44.46	0.03	10.61	H	55.10	68.23	13.13	AV
5460 - 5923	65.37	0.00	10.61	H	75.98	88.23	12.25	PK
5460 - 5923	42.27	0.03	10.61	H	52.91	68.23	15.32	AV
5350 - 5460	40.70	0.00	9.03	H	49.73	73.98	24.25	PK
5350 - 5460	28.69	0.03	9.03	H	37.75	53.98	16.23	AV
#5924.5	66.41	0.00	10.61	V	77.02	88.23	11.21	PK
#5924.5	53.95	0.03	10.61	V	64.59	68.23	3.64	AV
#5923.5	56.59	0.00	10.61	V	67.20	88.23	21.03	PK
#5923.5	43.85	0.03	10.61	V	54.49	68.23	13.74	AV
5460 - 5923	64.62	0.00	10.61	V	75.23	88.23	13.00	PK
5460 - 5923	41.85	0.03	10.61	V	52.49	68.23	15.74	AV
5350 - 5460	40.32	0.00	9.03	V	49.35	73.98	24.63	PK
5350 - 5460	28.55	0.03	9.03	V	37.61	53.98	16.37	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

Band :	UNII 8
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	7115 MHz
Channel No. :	233 Ch
RU Offset :	54

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#7125.5	62.99	0.00	14.51	H	77.50	88.23	10.73	PK
#7125.5	49.85	0.03	14.51	H	64.39	68.23	3.84	AV
#7126.5	52.85	0.00	14.51	H	67.36	88.23	20.87	PK
#7126.5	40.12	0.03	14.51	H	54.66	68.23	13.57	AV
7127 - 7250	58.84	0.00	15.06	H	73.90	88.23	14.33	PK
7127 - 7250	36.50	0.03	15.06	H	51.59	68.23	16.64	AV
7250 - 7750	38.29	0.00	15.13	H	53.42	73.98	20.56	PK
7250 - 7750	26.18	0.03	15.13	H	41.34	53.98	12.64	AV
#7125.5	62.02	0.00	14.51	V	76.53	88.23	11.70	PK
#7125.5	48.85	0.03	14.51	V	63.39	68.23	4.84	AV
#7126.5	52.12	0.00	14.51	V	66.63	88.23	21.60	PK
#7126.5	39.12	0.03	14.51	V	53.66	68.23	14.57	AV
7127 - 7250	58.22	0.00	15.06	V	73.28	88.23	14.95	PK
7127 - 7250	36.01	0.03	15.06	V	51.10	68.23	17.13	AV
7250 - 7750	38.12	0.00	15.13	V	53.25	73.98	20.73	PK
7250 - 7750	26.05	0.03	15.13	V	41.21	53.98	12.77	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

5) 802.11ax(HE20) 242 Tone

Band :	UNII 5
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	5935 MHz
Channel No. :	2 Ch
RU Offset :	61

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#5924.5	65.75	0.00	10.61	H	76.36	88.23	11.87	PK
#5924.5	54.41	0.07	10.61	H	65.09	68.23	3.14	AV
#5923.5	55.55	0.00	10.61	H	66.16	88.23	22.07	PK
#5923.5	44.26	0.07	10.61	H	54.94	68.23	13.29	AV
5460 - 5923	62.71	0.00	10.61	H	73.32	88.23	14.91	PK
5460 - 5923	41.25	0.07	10.61	H	51.93	68.23	16.30	AV
5350 - 5460	41.09	0.00	9.03	H	50.12	73.98	23.86	PK
5350 - 5460	28.59	0.07	9.03	H	37.69	53.98	16.29	AV
#5924.5	64.85	0.00	10.61	V	75.46	88.23	12.77	PK
#5924.5	53.88	0.07	10.61	V	64.56	68.23	3.67	AV
#5923.5	54.85	0.00	10.61	V	65.46	88.23	22.77	PK
#5923.5	43.54	0.07	10.61	V	54.22	68.23	14.01	AV
5460 - 5923	62.12	0.00	10.61	V	72.73	88.23	15.50	PK
5460 - 5923	40.88	0.07	10.61	V	51.56	68.23	16.67	AV
5350 - 5460	40.95	0.00	9.03	V	49.98	73.98	24.00	PK
5350 - 5460	28.12	0.07	9.03	V	37.22	53.98	16.76	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

Band :	UNII 8
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	7115 MHz
Channel No. :	233 Ch
RU Offset :	61

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#7125.5	60.33	0.00	14.51	H	74.84	88.23	13.39	PK
#7125.5	47.33	0.07	14.51	H	61.91	68.23	6.32	AV
#7126.5	50.88	0.00	14.51	H	65.39	88.23	22.84	PK
#7126.5	37.99	0.07	14.51	H	52.57	68.23	15.66	AV
7127 - 7250	55.39	0.00	15.06	H	70.45	88.23	17.78	PK
7127 - 7250	35.01	0.07	15.06	H	50.14	68.23	18.09	AV
7250 - 7750	37.39	0.00	15.13	H	52.52	73.98	21.46	PK
7250 - 7750	26.20	0.07	15.13	H	41.40	53.98	12.58	AV
#7125.5	60.02	0.00	14.51	V	74.53	88.23	13.70	PK
#7125.5	46.95	0.07	14.51	V	61.53	68.23	6.70	AV
#7126.5	50.32	0.00	14.51	V	64.83	88.23	23.40	PK
#7126.5	37.51	0.07	14.51	V	52.09	68.23	16.14	AV
7127 - 7250	55.12	0.00	15.06	V	70.18	88.23	18.05	PK
7127 - 7250	34.85	0.07	15.06	V	49.98	68.23	18.25	AV
7250 - 7750	37.19	0.00	15.13	V	52.32	73.98	21.66	PK
7250 - 7750	26.05	0.07	15.13	V	41.25	53.98	12.73	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

6) 802.11ax(HE20) SU

Band :	UNII 5
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	5935 MHz
Channel No. :	2 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#5924.5	67.30	0.00	10.61	H	77.91	88.23	10.32	PK
#5924.5	54.31	0.02	10.61	H	64.94	68.23	3.29	AV
#5923.5	59.01	0.00	10.61	H	69.62	88.23	18.61	PK
#5923.5	46.01	0.02	10.61	H	56.64	68.23	11.59	AV
5460 - 5923	62.69	0.00	10.61	H	73.30	88.23	14.93	PK
5460 - 5923	43.39	0.02	10.61	H	54.02	68.23	14.21	AV
5350 - 5460	40.80	0.00	9.03	H	49.83	73.98	24.15	PK
5350 - 5460	28.64	0.02	9.03	H	37.69	53.98	16.29	AV
#5924.5	66.71	0.00	10.61	V	77.32	88.23	10.91	PK
#5924.5	53.85	0.02	10.61	V	64.48	68.23	3.75	AV
#5923.5	58.35	0.00	10.61	V	68.96	88.23	19.27	PK
#5923.5	45.62	0.02	10.61	V	56.25	68.23	11.98	AV
5460 - 5923	62.01	0.00	10.61	V	72.62	88.23	15.61	PK
5460 - 5923	42.59	0.02	10.61	V	53.22	68.23	15.01	AV
5350 - 5460	40.55	0.00	9.03	V	49.58	73.98	24.40	PK
5350 - 5460	28.41	0.02	9.03	V	37.46	53.98	16.52	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

Band :	UNII 8
Operation Mode :	802.11ax(HE20)
Transfer Rate :	MCS0
Operating Frequency :	7115 MHz
Channel No. :	233 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
#7125.5	61.66	0.00	14.51	H	76.17	88.23	12.06	PK
#7125.5	49.07	0.02	14.51	H	63.60	68.23	4.63	AV
#7126.5	53.12	0.00	14.51	H	67.63	88.23	20.60	PK
#7126.5	41.22	0.02	14.51	H	55.75	68.23	12.48	AV
7127 - 7250	58.49	0.00	15.06	H	73.55	88.23	14.68	PK
7127 - 7250	37.29	0.02	15.06	H	52.37	68.23	15.86	AV
7250 - 7750	38.12	0.00	15.13	H	53.25	73.98	20.73	PK
7250 - 7750	26.21	0.02	15.13	H	41.36	53.98	12.62	AV
#7125.5	61.41	0.00	14.51	V	75.92	88.23	12.31	PK
#7125.5	48.55	0.02	14.51	V	63.08	68.23	5.15	AV
#7126.5	52.74	0.00	14.51	V	67.25	88.23	20.98	PK
#7126.5	40.85	0.02	14.51	V	55.38	68.23	12.85	AV
7127 - 7250	57.85	0.00	15.06	V	72.91	88.23	15.32	PK
7127 - 7250	36.69	0.02	15.06	V	51.77	68.23	16.46	AV
7250 - 7750	38.05	0.00	15.13	V	53.18	73.98	20.80	PK
7250 - 7750	26.12	0.02	15.13	V	41.27	53.98	12.71	AV

Note : # integration method Used (KDB 789033 D02 v02r01 Section 3) d) (ii)

7) 802.11ax(HE40)

Band :	UNII 5
Operation Mode :	802.11ax(HE40)
Transfer Rate :	MCS0
Operating Frequency :	5965 MHz
Channel No. :	3 Ch
RU Offset :	65
Tone:	484

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.81	0.00	9.03	H	49.84	73.98	24.14	PK
5350 - 5460	28.51	0.12	9.03	H	37.66	53.98	16.32	AV
5350 - 5460	40.77	0.00	9.03	V	49.80	73.98	24.18	PK
5350 - 5460	28.32	0.12	9.03	V	37.47	53.98	16.51	AV
5460 - 5925	50.02	0.00	10.61	H	60.63	88.23	27.60	PK
5460 - 5925	32.21	0.12	10.61	H	42.94	68.23	25.29	AV
5460 - 5925	49.95	0.00	10.61	V	60.56	88.23	27.67	PK
5460 - 5925	32.12	0.12	10.61	V	42.85	68.23	25.38	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE40)
Transfer Rate :	MCS0
Operating Frequency :	7085 MHz
Channel No. :	227 Ch
RU Offset :	44
Tone:	52

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	37.61	0.00	15.06	H	52.67	88.23	35.56	PK
7125 - 7250	26.06	0.01	15.06	H	41.13	68.23	27.10	AV
7125 - 7250	37.51	0.00	15.06	V	52.57	88.23	35.66	PK
7125 - 7250	26.02	0.01	15.06	V	41.09	68.23	27.14	AV
7250 - 7750	38.38	0.00	15.13	H	53.51	73.98	20.47	PK
7250 - 7750	26.48	0.01	15.13	H	41.62	53.98	12.36	AV
7250 - 7750	38.12	0.00	15.13	V	53.25	73.98	20.73	PK
7250 - 7750	26.32	0.01	15.13	V	41.46	53.98	12.52	AV

8) 802.11ax(HE40) SU

Band :	UNII 5
Operation Mode :	802.11ax(HE40)
Transfer Rate :	MCS0
Operating Frequency :	5965 MHz
Channel No. :	3 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.64	0.00	9.03	H	49.67	73.98	24.31	PK
5350 - 5460	28.50	0.02	9.03	H	37.55	53.98	16.43	AV
5350 - 5460	40.55	0.00	9.03	V	49.58	73.98	24.40	PK
5350 - 5460	28.41	0.02	9.03	V	37.46	53.98	16.52	AV
5460 - 5925	41.30	0.00	10.61	H	51.91	88.23	36.32	PK
5460 - 5925	29.74	0.02	10.61	H	40.37	68.23	27.86	AV
5460 - 5925	41.12	0.00	10.61	V	51.73	88.23	36.50	PK
5460 - 5925	29.62	0.02	10.61	V	40.25	68.23	27.98	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE40)
Transfer Rate :	MCS0
Operating Frequency :	7085 MHz
Channel No. :	227 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	38.06	0.00	15.06	H	53.12	88.23	35.11	PK
7125 - 7250	26.21	0.02	15.06	H	41.29	68.23	26.94	AV
7125 - 7250	37.71	0.00	15.06	V	52.77	88.23	35.46	PK
7125 - 7250	26.02	0.02	15.06	V	41.10	68.23	27.13	AV
7250 - 7750	38.15	0.00	15.13	H	53.28	73.98	20.70	PK
7250 - 7750	26.33	0.02	15.13	H	41.48	53.98	12.50	AV
7250 - 7750	38.05	0.00	15.13	V	53.18	73.98	20.80	PK
7250 - 7750	26.12	0.02	15.13	V	41.27	53.98	12.71	AV

9) 802.11ax(HE80) 996 Tone

Band :	UNII 5
Operation Mode :	802.11ax(HE80)
Transfer Rate :	MCS0
Operating Frequency :	5985 MHz
Channel No. :	7 Ch
RU Offset :	67

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.92	0.00	9.03	H	49.95	73.98	24.03	PK
5350 - 5460	28.60	0.13	9.03	H	37.76	53.98	16.22	AV
5350 - 5460	40.62	0.00	9.03	V	49.65	73.98	24.33	PK
5350 - 5460	28.51	0.13	9.03	V	37.67	53.98	16.31	AV
5460 - 5925	43.99	0.00	10.61	H	54.60	88.23	33.63	PK
5460 - 5925	29.35	0.13	10.61	H	40.09	68.23	28.14	AV
5460 - 5925	43.77	0.00	10.61	V	54.38	88.23	33.85	PK
5460 - 5925	29.12	0.13	10.61	V	39.86	68.23	28.37	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE80)
Transfer Rate :	MCS0
Operating Frequency :	7025 MHz
Channel No. :	215 Ch
RU Offset :	67

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	38.33	0.00	15.06	H	53.39	88.23	34.84	PK
7125 - 7250	25.76	0.13	15.06	H	40.95	68.23	27.28	AV
7125 - 7250	38.12	0.00	15.06	V	53.18	88.23	35.05	PK
7125 - 7250	25.65	0.13	15.06	V	40.84	68.23	27.39	AV
7250 - 7750	37.97	0.00	15.13	H	53.10	73.98	20.88	PK
7250 - 7750	26.25	0.13	15.13	H	41.51	53.98	12.47	AV
7250 - 7750	37.81	0.00	15.13	V	52.94	73.98	21.04	PK
7250 - 7750	26.05	0.13	15.13	V	41.31	53.98	12.67	AV

10) 802.11ax(HE80) SU

Band :	UNII 5
Operation Mode :	802.11ax(HE80)
Transfer Rate :	MCS0
Operating Frequency :	5985 MHz
Channel No. :	7 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.08	0.00	9.03	H	49.11	73.98	24.87	PK
5350 - 5460	28.61	0.01	9.03	H	37.65	53.98	16.33	AV
5350 - 5460	39.95	0.00	9.03	V	48.98	73.98	25.00	PK
5350 - 5460	28.51	0.01	9.03	V	37.55	53.98	16.43	AV
5460 - 5925	40.45	0.00	10.61	H	51.06	88.23	37.17	PK
5460 - 5925	29.35	0.01	10.61	H	39.97	68.23	28.26	AV
5460 - 5925	40.33	0.00	10.61	V	50.94	88.23	37.29	PK
5460 - 5925	29.12	0.01	10.61	V	39.74	68.23	28.49	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE80)
Transfer Rate :	MCS0
Operating Frequency :	7025 MHz
Channel No. :	215 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	27.61	0.00	15.06	H	42.67	88.23	45.56	PK
7125 - 7250	25.85	0.01	15.06	H	40.92	68.23	27.31	AV
7125 - 7250	27.55	0.00	15.06	V	42.61	88.23	45.62	PK
7125 - 7250	25.77	0.01	15.06	V	40.84	68.23	27.39	AV
7250 - 7750	27.54	0.00	15.13	H	42.67	73.98	31.31	PK
7250 - 7750	26.23	0.01	15.13	H	41.37	53.98	12.61	AV
7250 - 7750	27.12	0.00	15.13	V	42.25	73.98	31.73	PK
7250 - 7750	26.12	0.01	15.13	V	41.26	53.98	12.72	AV

11) 802.11ax(HE160)_80L

Band :	UNII 5
Operation Mode :	802.11ax(HE160)_80L
Transfer Rate :	MCS0
Operating Frequency :	6025 MHz
Channel No. :	15 Ch
RU Offset :	67
Tone:	996

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.62	0.00	9.03	H	49.65	73.98	24.33	PK
5350 - 5460	28.68	0.12	9.03	H	37.83	53.98	16.15	AV
5350 - 5460	40.55	0.00	9.03	V	49.58	73.98	24.40	PK
5350 - 5460	28.55	0.12	9.03	V	37.70	53.98	16.28	AV
5460 - 5925	50.48	0.00	10.61	H	61.09	88.23	27.14	PK
5460 - 5925	29.65	0.12	10.61	H	40.38	68.23	27.85	AV
5460 - 5925	50.32	0.00	10.61	V	60.93	88.23	27.30	PK
5460 - 5925	29.51	0.12	10.61	V	40.24	68.23	27.99	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE160)_80L
Transfer Rate :	MCS0
Operating Frequency :	6985 MHz
Channel No. :	207 Ch
RU Offset :	65
Tone:	484

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	37.01	0.00	15.06	H	52.07	88.23	36.16	PK
7125 - 7250	25.71	0.12	15.06	H	40.89	68.23	27.34	AV
7125 - 7250	36.95	0.00	15.06	V	52.01	88.23	36.22	PK
7125 - 7250	25.62	0.12	15.06	V	40.80	68.23	27.43	AV
7250 - 7750	38.34	0.00	15.13	H	53.47	73.98	20.51	PK
7250 - 7750	26.32	0.12	15.13	H	41.57	53.98	12.41	AV
7250 - 7750	38.12	0.00	15.13	V	53.25	73.98	20.73	PK
7250 - 7750	26.12	0.12	15.13	V	41.37	53.98	12.61	AV

12) 802.11ax(HE160)_80U

Band :	UNII 5
Operation Mode :	802.11ax(HE160)_80U
Transfer Rate :	MCS0
Operating Frequency :	6025 MHz
Channel No. :	15 Ch
RU Offset :	66
Tone:	484

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.15	0.00	9.03	H	49.18	73.98	24.80	PK
5350 - 5460	28.83	0.12	9.03	H	37.98	53.98	16.00	AV
5350 - 5460	40.05	0.00	9.03	V	49.08	73.98	24.90	PK
5350 - 5460	28.71	0.12	9.03	V	37.86	53.98	16.12	AV
5460 - 5925	46.11	0.00	10.61	H	56.72	88.23	31.51	PK
5460 - 5925	29.78	0.12	10.61	H	40.51	68.23	27.72	AV
5460 - 5925	45.95	0.00	10.61	V	56.56	88.23	31.67	PK
5460 - 5925	29.59	0.12	10.61	V	40.32	68.23	27.91	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE160)_80U
Transfer Rate :	MCS0
Operating Frequency :	6985 MHz
Channel No. :	207 Ch
RU Offset :	66
Tone:	484

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	40.15	0.00	15.06	H	55.21	88.23	33.02	PK
7125 - 7250	25.80	0.12	15.06	H	40.98	68.23	27.25	AV
7125 - 7250	40.05	0.00	15.06	V	55.11	88.23	33.12	PK
7125 - 7250	25.71	0.12	15.06	V	40.89	68.23	27.34	AV
7250 - 7750	38.16	0.00	15.13	H	53.29	73.98	20.69	PK
7250 - 7750	26.37	0.12	15.13	H	41.62	53.98	12.36	AV
7250 - 7750	38.12	0.00	15.13	V	53.25	73.98	20.73	PK
7250 - 7750	26.13	0.12	15.13	V	41.38	53.98	12.60	AV

13) 802.11ax(HE160) 2x996 Tone

Band :	UNII 5
Operation Mode :	802.11ax(HE160)
Transfer Rate :	MCS0
Operating Frequency :	6025 MHz
Channel No. :	15 Ch
RU Offset :	68

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.87	0.00	9.03	H	49.90	73.98	24.08	PK
5350 - 5460	28.80	0.01	9.03	H	37.84	53.98	16.14	AV
5350 - 5460	40.62	0.00	9.03	V	49.65	73.98	24.33	PK
5350 - 5460	28.71	0.01	9.03	V	37.75	53.98	16.23	AV
5460 - 5925	48.93	0.00	10.61	H	59.54	88.23	28.69	PK
5460 - 5925	29.78	0.01	10.61	H	40.40	68.23	27.83	AV
5460 - 5925	48.88	0.00	10.61	V	59.49	88.23	28.74	PK
5460 - 5925	29.51	0.01	10.61	V	40.13	68.23	28.10	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE160)
Transfer Rate :	MCS0
Operating Frequency :	6985 MHz
Channel No. :	207 Ch
RU Offset :	68

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	40.14	0.00	15.06	H	55.20	88.23	33.03	PK
7125 - 7250	25.95	0.01	15.06	H	41.02	68.23	27.21	AV
7125 - 7250	40.05	0.00	15.06	V	55.11	88.23	33.12	PK
7125 - 7250	25.88	0.01	15.06	V	40.95	68.23	27.28	AV
7250 - 7750	38.32	0.00	15.13	H	53.45	73.98	20.53	PK
7250 - 7750	26.15	0.01	15.13	H	41.29	53.98	12.69	AV
7250 - 7750	38.12	0.00	15.13	V	53.25	73.98	20.73	PK
7250 - 7750	26.05	0.01	15.13	V	41.19	53.98	12.79	AV

14) 802.11ax(HE160) SU

Band :	UNII 5
Operation Mode :	802.11ax(HE160)
Transfer Rate :	MCS0
Operating Frequency :	6025 MHz
Channel No. :	15 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
5350 - 5460	40.61	0.00	9.03	H	49.64	73.98	24.34	PK
5350 - 5460	28.83	0.02	9.03	H	37.88	53.98	16.10	AV
5350 - 5460	40.55	0.00	9.03	V	49.58	73.98	24.40	PK
5350 - 5460	28.71	0.02	9.03	V	37.76	53.98	16.22	AV
5460 - 5925	48.94	0.00	10.61	H	59.55	88.23	28.68	PK
5460 - 5925	30.04	0.02	10.61	H	40.67	68.23	27.56	AV
5460 - 5925	48.90	0.00	10.61	V	59.51	88.23	28.72	PK
5460 - 5925	29.96	0.02	10.61	V	40.59	68.23	27.64	AV

Band :	UNII 8
Operation Mode :	802.11ax(HE160)
Transfer Rate :	MCS0
Operating Frequency :	6985 MHz
Channel No. :	207 Ch
RU Offset :	None

Frequency	Measured Value	Duty Cycle	A.F+C.L+D.F-A.G+ATT	ANT. POL	Total	Limit	Margin	Measurement Type
[MHz]	[dBμV]	Factor	[dB/m]	[H/V]	[dBμV/m]	[dBμV/m]	[dB]	
7125 - 7250	38.67	0.00	15.06	H	53.73	88.23	34.50	PK
7125 - 7250	25.86	0.02	15.06	H	40.94	68.23	27.29	AV
7125 - 7250	38.55	0.00	15.06	V	53.61	88.23	34.62	PK
7125 - 7250	25.71	0.02	15.06	V	40.79	68.23	27.44	AV
7250 - 7750	38.06	0.00	15.13	H	53.19	73.98	20.79	PK
7250 - 7750	26.26	0.02	15.13	H	41.41	53.98	12.57	AV
7250 - 7750	37.95	0.00	15.13	V	53.08	73.98	20.90	PK
7250 - 7750	26.12	0.02	15.13	V	41.27	53.98	12.71	AV

Note:

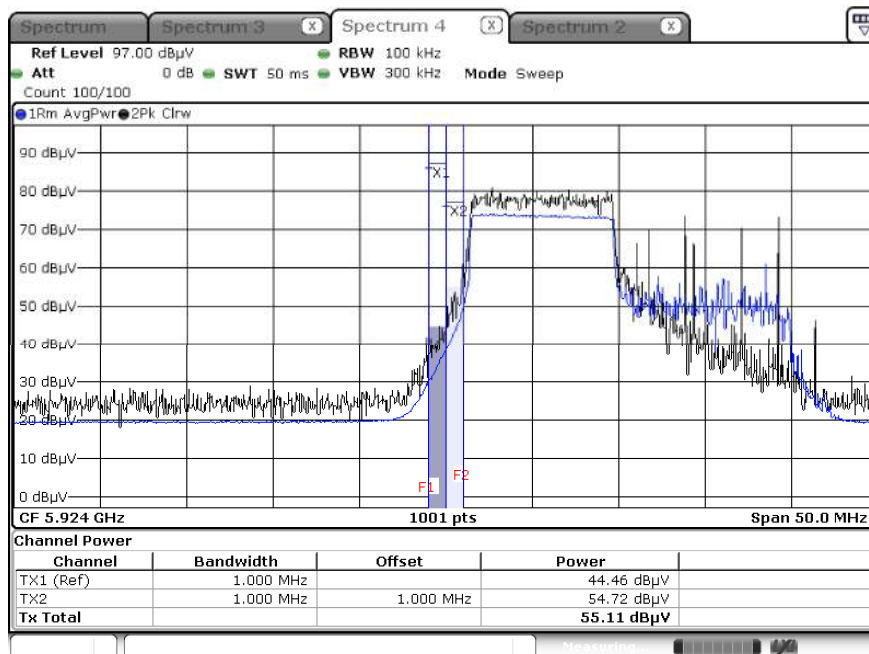
All Modes of operation were investigated and the worst case configuration results are reported.
In order to simplify the report, We only have attached Bandedge result of worst case.

Test Plots

[MIMO_CDD(Ant1+Ant2)]

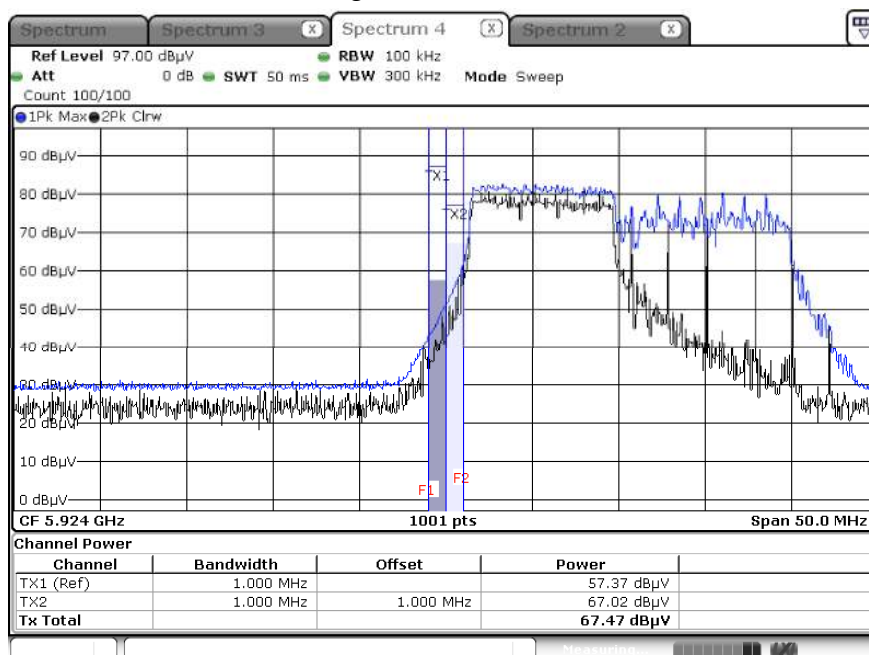
Average result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H

(Integration method Used)

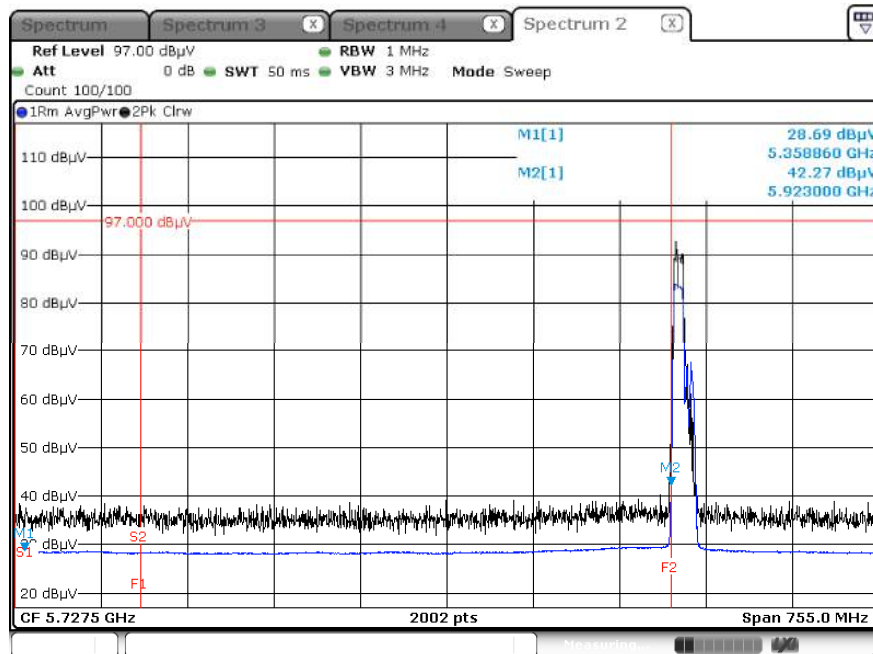


Peak result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H

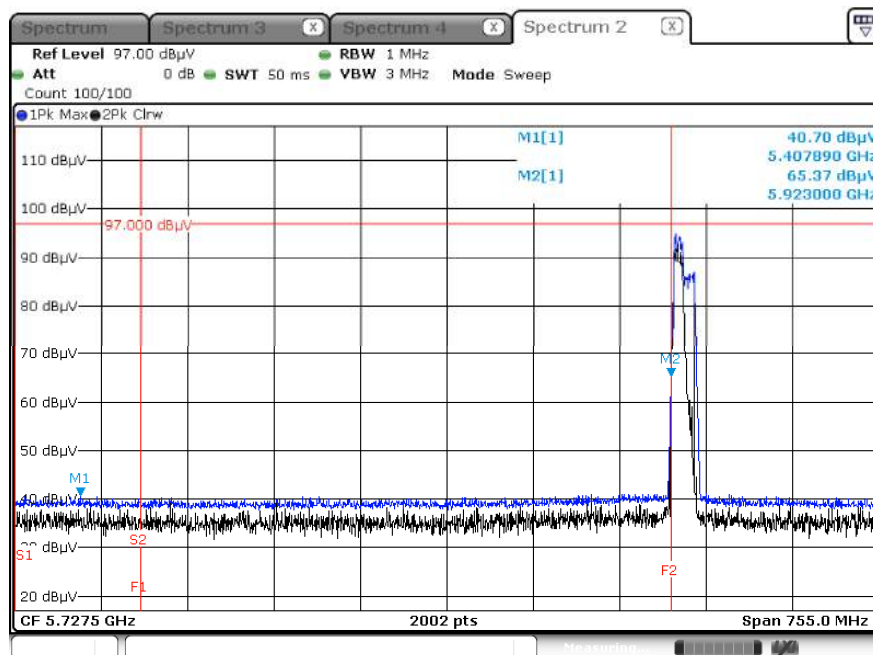
(Integration method Used)



Average result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H



Peak result (802.11ax(HE20), Ch.2, 106Tone RU53) – X-H



Note:

Only the worst case plots for Radiated Restricted Band Edge.

10.13 POWERLINE CONDUCTED EMISSIONS

Conducted Emissions

Test

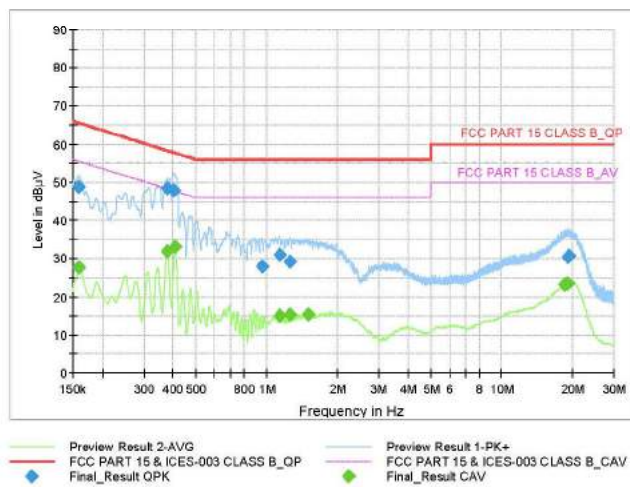
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Test Report

Common Information

EUT : SM-F741U
Operating Conditions : 6G WLAN Mode
Comment :

Full Spectrum



Final Result QPK

Frequency (MHz)	QuasiPeak (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1590	48.64	65.52	16.87	9.000	N	9.6
0.3773	48.41	58.34	9.93	9.000	N	9.6
0.4020	47.78	57.81	10.03	9.000	N	9.7
0.9613	27.88	56.00	28.12	9.000	N	9.7
1.1323	30.85	56.00	25.15	9.000	N	9.7
1.2560	29.31	56.00	26.69	9.000	N	9.7
19.1840	30.44	60.00	29.56	9.000	L1	10.4
19.2538	30.64	60.00	29.36	9.000	L1	10.4
19.2695	30.57	60.00	29.43	9.000	L1	10.4

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Test

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Final Result_CAV

Frequency (MHz)	CAverage (dBμV)	Limit (dBμV)	Margin (dB)	Bandwidth (kHz)	Line	Corr. (dB)
0.1590	27.62	55.52	27.90	9.000	L1	9.6
0.3773	31.96	48.34	16.38	9.000	N	9.6
0.4088	33.03	47.67	14.65	9.000	L1	9.6
1.1323	15.10	46.00	30.90	9.000	L1	9.7
1.2583	15.37	46.00	30.63	9.000	L1	9.7
1.5125	15.23	46.00	30.77	9.000	L1	9.7
18.5608	23.17	50.00	26.83	9.000	L1	10.3
18.8308	23.48	50.00	26.52	9.000	L1	10.4
19.2245	23.50	50.00	26.50	9.000	L1	10.4

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11. LIST OF TEST EQUIPMENT

Conducted Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
LISN	ENV216	Rohde & Schwarz	102245	08/02/2024	Annual
EMI Test Receiver	ESR	Rohde & Schwarz	101910	05/26/2024	Annual
Temperature Chamber	SU-642	ESPEC	0093008124	02/19/2025	Annual
Signal Analyzer	N9030A	Agilent	MY49432108	02/20/2025	Annual
Power Measurement Set	OSP 120	Rohde & Schwarz	101231	06/09/2024	Annual
Power Meter	N1911A	Agilent	MY45100523	02/28/2025	Annual
Power Sensor	N1921A	Agilent	MY57820067	02/22/2025	Annual
Directional Coupler	87300B	Agilent	3116A03621	10/30/2024	Annual
Power Splitter	11667B	Hewlett Packard	10545	02/06/2025	Annual
DC Power Supply	E3632A	Agilent	MY40004427	08/25/2024	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	07560	06/12/2024	Annual
Attenuator(10 dB)(DC-26.5 GHz)	8493C	HP	08285	06/02/2024	Annual
Attenuator(20 dB)	18N-20dB	Rohde & Schwarz	8	02/20/2025	Annual
Software	EMC32	Rohde & Schwarz	N/A	N/A	N/A
FCC WLAN&BT&BLE Conducted Test Software v3.0	N/A	HCT CO., LTD.	N/A	N/A	N/A
Bluetooth Tester	CBT	Rohde & Schwarz	100752	01/03/2025	Annual
Wireless Communication Tester w/opt	CMW500	Rohde & Schwarz	169839	06/09/2024	Annual
Up/Down-Converter	CMW-Z800A	Rohde & Schwarz	100200	08/11/2024	Annual
Attenuator(3 dB)	18B-03	Api tech.	1	12/19/2024	Annual
4 WAY POWER DIVIDER	4456-4	Narda	01640	05/09/2024	Annual
Wireless AP	GT-AXE11000	ASUS	M6IAJF201782 (FCC ID : MSQ-RTAXJF00)	N/A	N/A
BE19000 Tri-Band Wi-Fi 7 Router	Archer BE800	TP-Link	Y2350N50000581 (FCC ID : 2AX-J4BE800)	N/A	N/A

Note:

- Equipment listed above that calibrated during the testing period was set for test after the calibration.
- Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.

Radiated Test

Equipment	Model	Manufacturer	Serial No.	Due to Calibration	Calibration Interval
Controller	CO3000	Innco system	CO3000-4p	N/A	N/A
Antenna Position Tower	MA4640/800-XP-EP	Innco system	S1AM	08/03/2025	Biennial
Turn Table	DS2000-S-1t	Innco system	DS2000/572/54610422/P	N/A	N/A
Amp & Filter Bank Switch Controller	FBSM-01B	T&M system	TM19050002	N/A	N/A
Loop Antenna	1513	Schwarzbeck	1513-333	03/07/2026	Biennial
Hybrid Antenna	VULB 9168	Schwarzbeck	9168-0895	08/16/2024	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-1300	01/03/2026	Biennial
Horn Antenna	BBHA 9120D	Schwarzbeck	9120D-2296	05/18/2024	Biennial
Horn Antenna(15 GHz ~ 40 GHz)	BBHA9170	Schwarzbeck	BBHA9170342	09/29/2024	Biennial
Spectrum Analyzer	FSV(10 Hz ~ 40 GHz)	Rohde & Schwarz	101055	05/12/2024	Annual
Band Reject Filter	WRCJV2400/2483.5-2370/2520-60/12SS	Wainwright Instruments	2	01/02/2025	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	5	06/12/2024	Annual
Band Reject Filter	WRCJV12-4900-5100-5900-6100-50SS	Wainwright Instruments	6	06/12/2024	Annual
High Pass Filter(7 GHz ~ 18 GHz)	WHKX10-7150-8000-18000-50SS	Wainwright Instruments	1	02/28/2025	Annual
Power Amplifier	CBL18265035	CERNEX	22966	11/17/2024	Annual
Power Amplifier	CBL26405040	CERNEX	25956	02/26/2025	Annual
Bluetooth Tester	TC-3000C	TESCOM	3000C000175	03/19/2025	Annual
RF Switching System	FMSR-05B (HPF(3~18GHz) + LNA1(1~18GHz))	T&M system	S1L1	01/02/2025	Annual
RF Switching System	FMSR -05B (ATT(10dB) + LNA1(1~18GHz))	T&M system	S1L2	01/02/2025	Annual
RF Switching System	FMSR -05B (ATT(3dB) + LNA1(1~18GHz))	T&M system	S1L3	01/02/2025	Annual
RF Switching System	FMSR -05B (LNA1(1~18GHz))	T&M system	S1L4	01/02/2025	Annual
RF Switching System	FMSR -05B (HPF(7~18GHz) + LNA2(6~18GHz))	T&M system	S1L5	01/02/2025	Annual
RF Switching System	FMSR -05B (Thru(30MHz ~ 18GHz))	T&M system	S1L6	01/02/2025	Annual

Note:

1. Equipment listed above that calibrated during the testing period was set for test after the calibration.
2. Equipment listed above that has a calibration due date during the testing period, the testing is completed before equipment expiration date.
3. Especially, all antenna for measurement is calibrated in accordance with the requirements of C63.5(Version : 2017).

12. ANNEX A_ TEST SETUP PHOTO

Please refer to test setup photo file no. as follows;

No.	Description
1	HCT-RF-2405-FC049-P