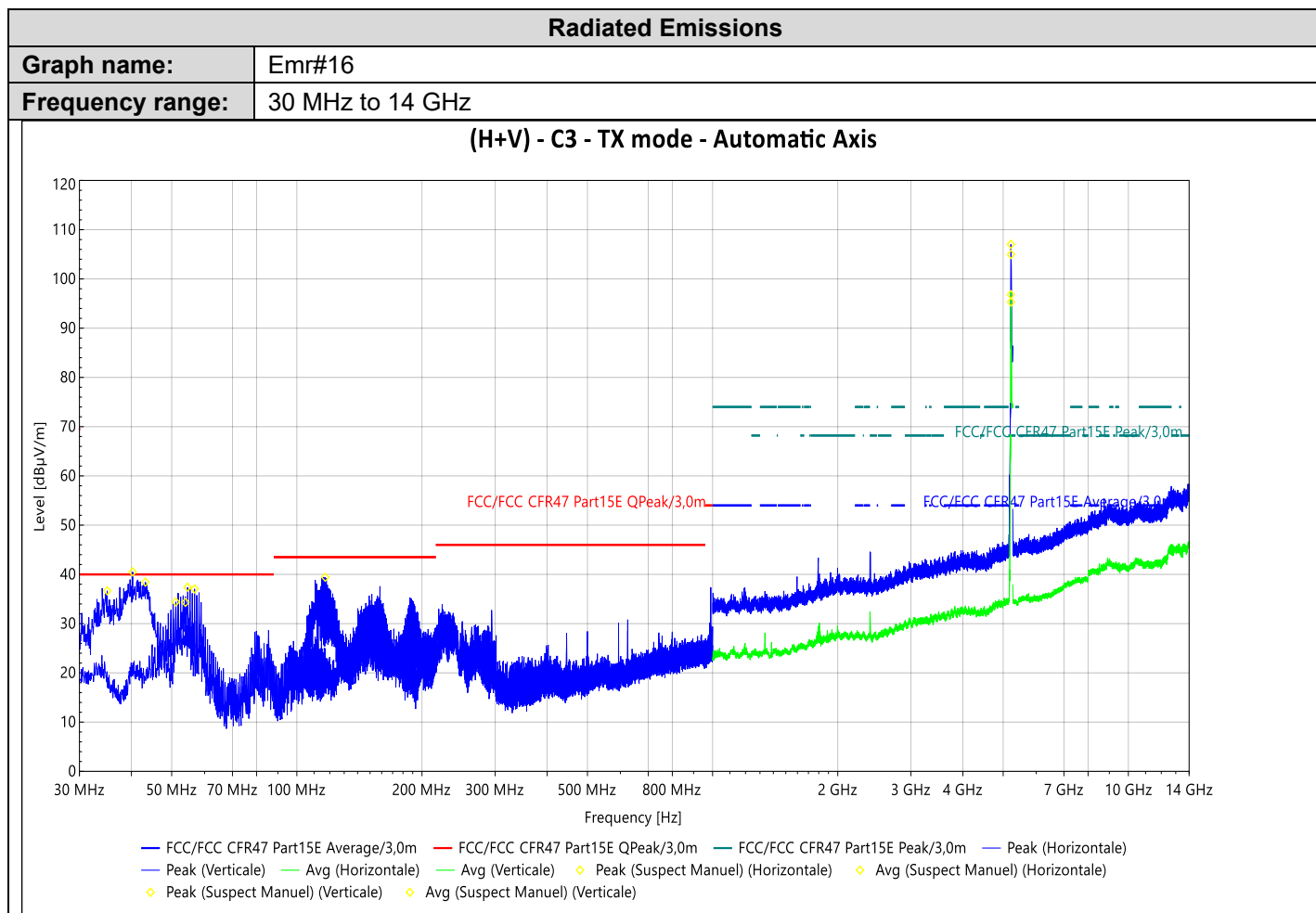




Pre-Characterization:

Frequency	PK Level (dBµV/m)	Lim.PK (dBµV/m)	Avg (dBµV/m)	Lim.QP (dBµV/m)	Angle (°)	Polar.	Correct. (dB)
5.216594 GHz*	107.02	68.20	96.80		177	H	43.90
51.146 MHz	34.42			40.00	208	H	-14.54
53.959 MHz	34.32			40.00	0	H	-15.30
117.0575 MHz	39.42			43.50	0	H	-6.18
5.22164 GHz	104.96	68.20	95.30		298	V	43.91
34.9955 MHz	36.67			40.00	6	V	-7.17
40.282 MHz	40.51			40.00	229	V	-9.86
43.2405 MHz	38.43			40.00	149	V	-11.33
54.5895 MHz	37.39			40.00	142	V	-15.47
56.772 MHz	37.06			40.00	283	V	-15.85

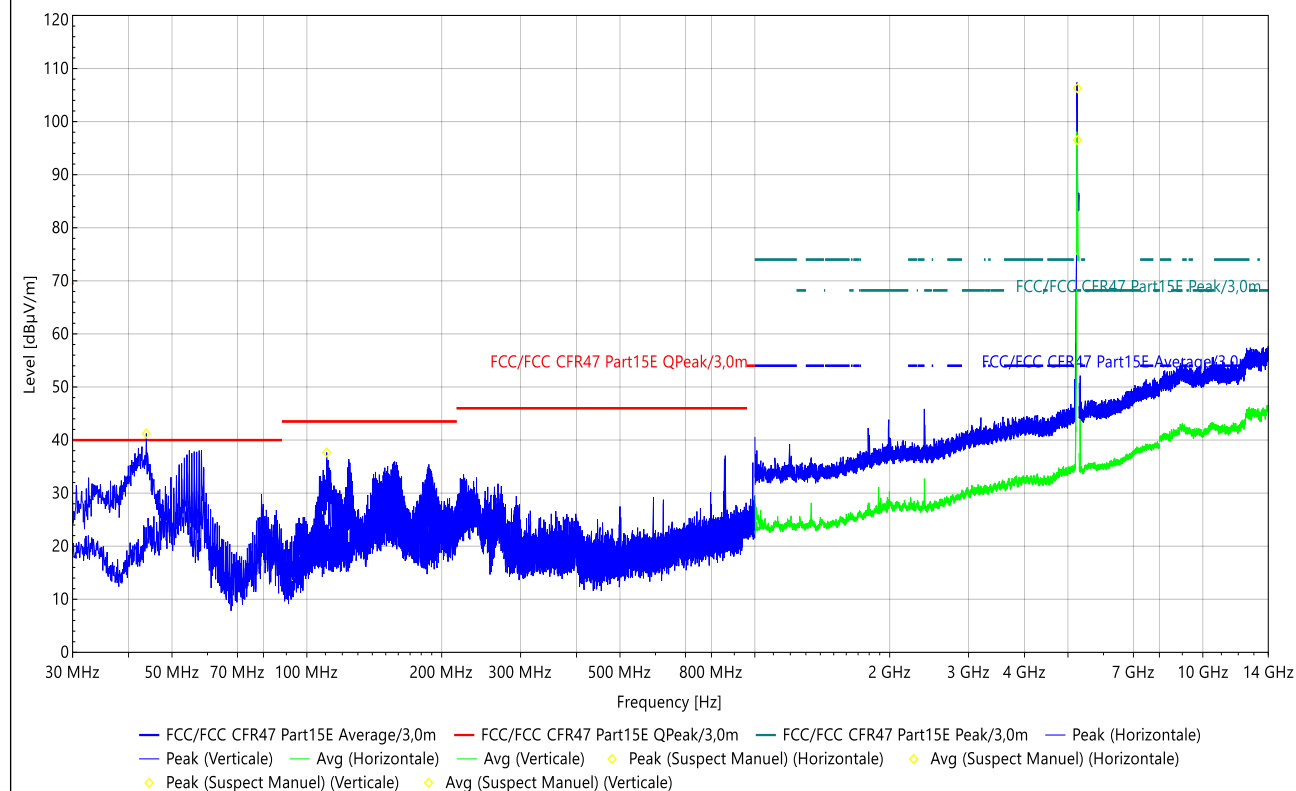
*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

Radiated Emissions

Graph name: Emr#17
Frequency range: 30 MHz to 14 GHz

(H+V) - C4 - TX mode - Automatic Axis



Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
5.24704 GHz*	106.28	68.20	96.50		264	H	43.95
110.7525 MHz	37.67			43.50	2	H	-7.42
43.8225 MHz	41.23			40.00	312	V	-11.60

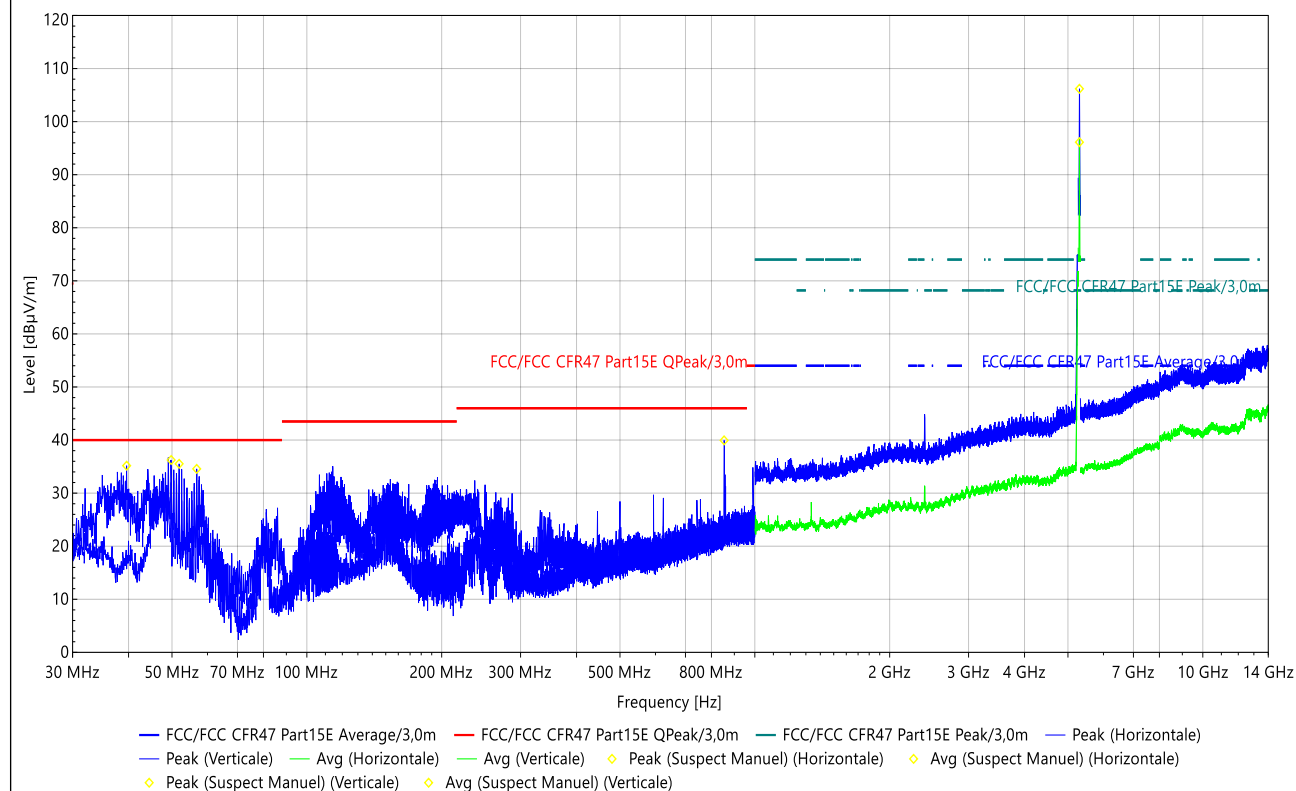
*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

Radiated Emissions

Graph name: Emr#18
Frequency range: 30 MHz to 14 GHz

(H+V) - C5 - TX mode - Automatic Axis

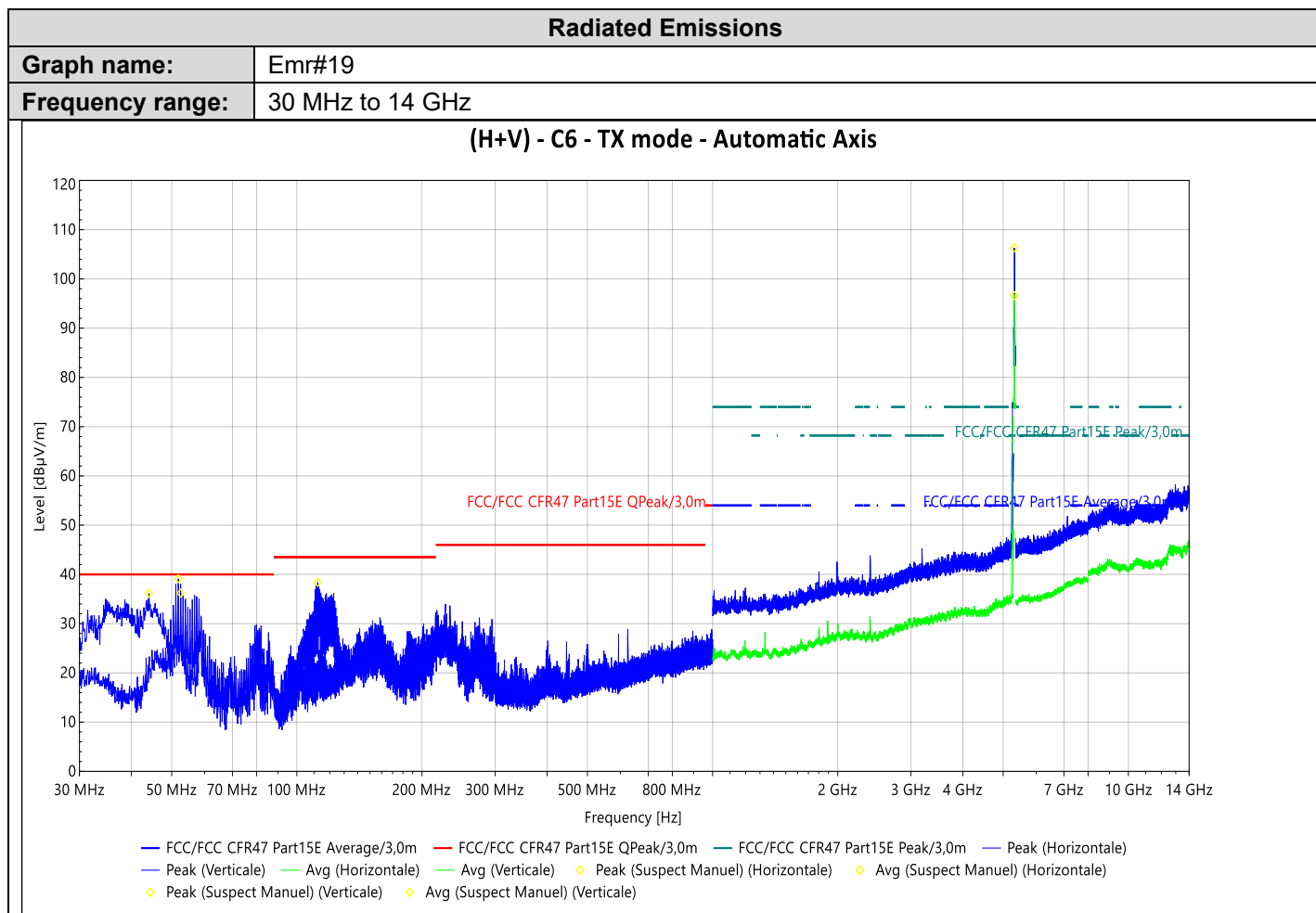


Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
5.303486 GHz*	106.19	68.20	96.12		187	H	44.06
49.788 MHz	36.24			40.00	175	H	-14.07
853.918 MHz	39.94			46.00	0	H	2.56
39.603 MHz	35.17			40.00	0	V	-9.54
51.8735 MHz	35.52			40.00	0	V	-14.75
56.772 MHz	34.58			40.00	0	V	-15.85

*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

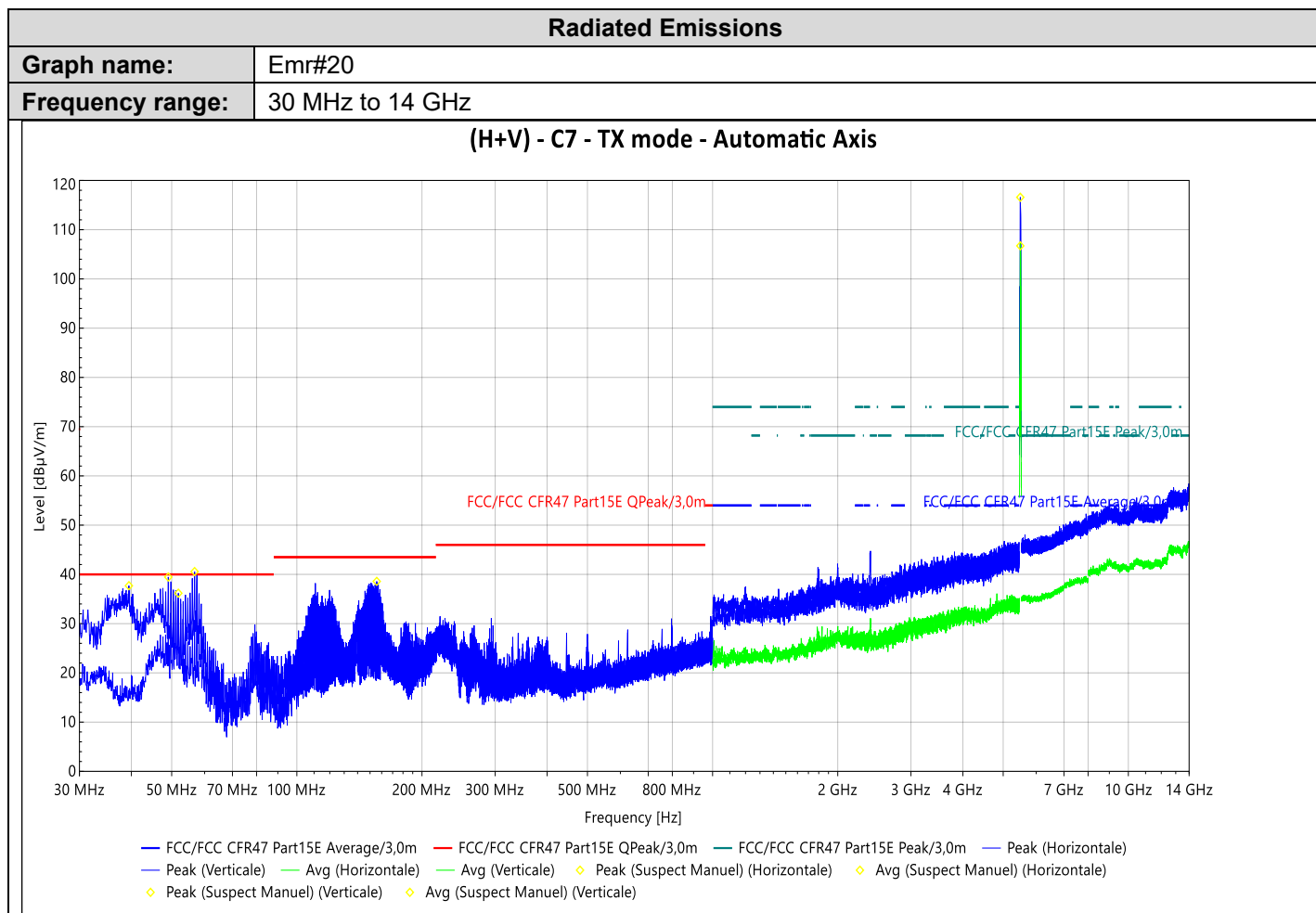


Pre-Characterization:

Frequency	PK Level (dBµV/m)	Lim.PK (dBµV/m)	Avg (dBµV/m)	Lim.QP (dBµV/m)	Angle (°)	Polar.	Correct. (dB)
52.5525 MHz	36.19			40.00	338	H	-14.96
112.2075 MHz	38.38			43.50	143	H	-7.08
5.316694 GHz*	106.30	68.20	96.60		187	H	44.09
44.1135 MHz	36.17			40.00	1	V	-11.74
51.8735 MHz	39.13			40.00	230	V	-14.75

*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)



Pre-Characterization:

Frequency	PK Level (dBµV/m)	Lim.PK (dBµV/m)	Avg (dBµV/m)	Lim.QP (dBµV/m)	Angle (°)	Polar.	Correct. (dB)
51.8735 MHz	36.18			40.00	196	H	-14.75
39.457499 MHz	37.70			40.00	165	V	-9.47
49.0605 MHz	39.46			40.00	292	V	-13.80
56.772 MHz	40.57			40.00	247	V	-15.85
155.6635 MHz	38.58			43.50	358	V	-2.36
5.496568 GHz*	116.58	68.20	106.72		297	V	44.44

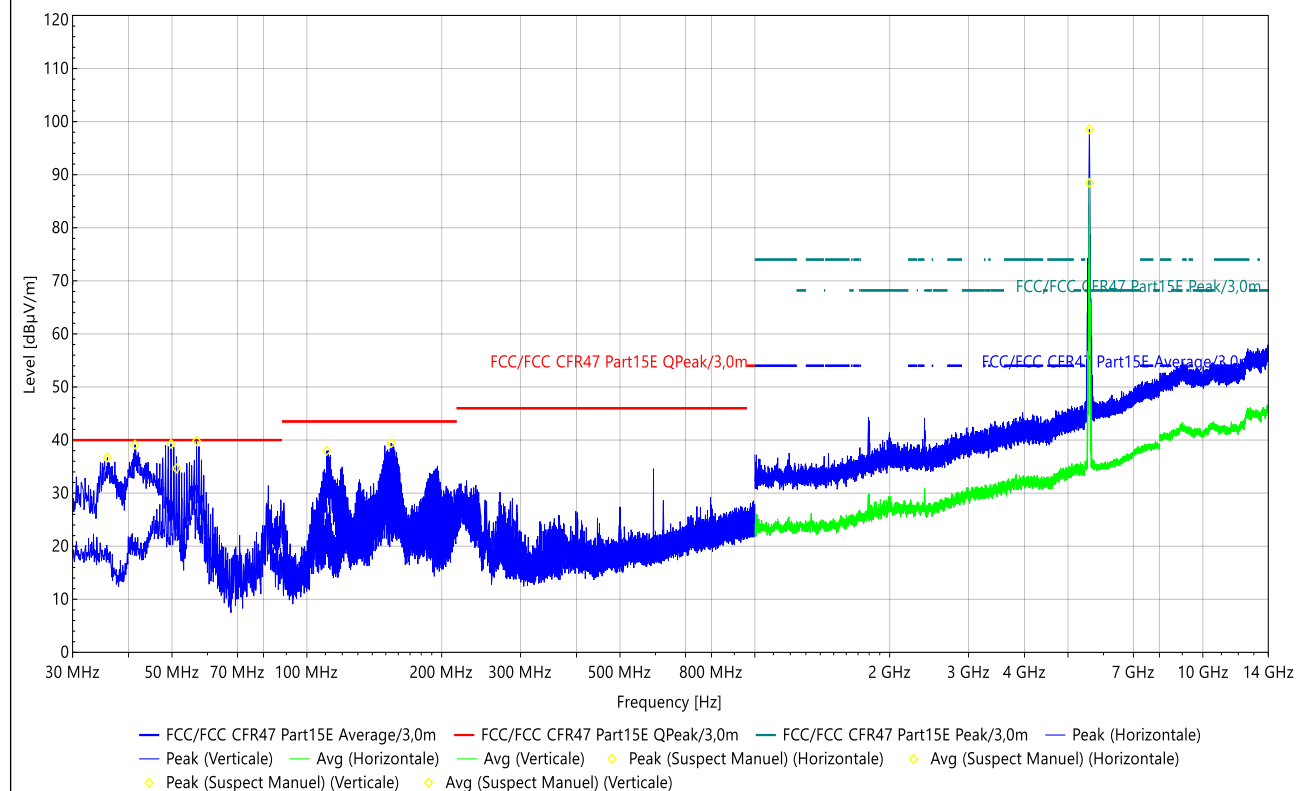
*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

Radiated Emissions

Graph name: Emr#21
Frequency range: 30 MHz to 14 GHz

(H+V) - C8 - TX mode - Automatic Axis



Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
51.146 MHz	34.66			40.00	126	H	-14.54
110.7525 MHz	37.98			43.50	344	H	-7.42
35.8685 MHz	36.72			40.00	211	V	-7.63
41.349 MHz	39.14			40.00	293	V	-10.40
49.7395 MHz	39.28			40.00	323	V	-14.05
56.7235 MHz	39.85			40.00	121	V	-15.84
154.257 MHz	39.41			43.50	37	V	-2.15
5.584484 GHz*	98.57	68.20	88.46		297	V	-18.31

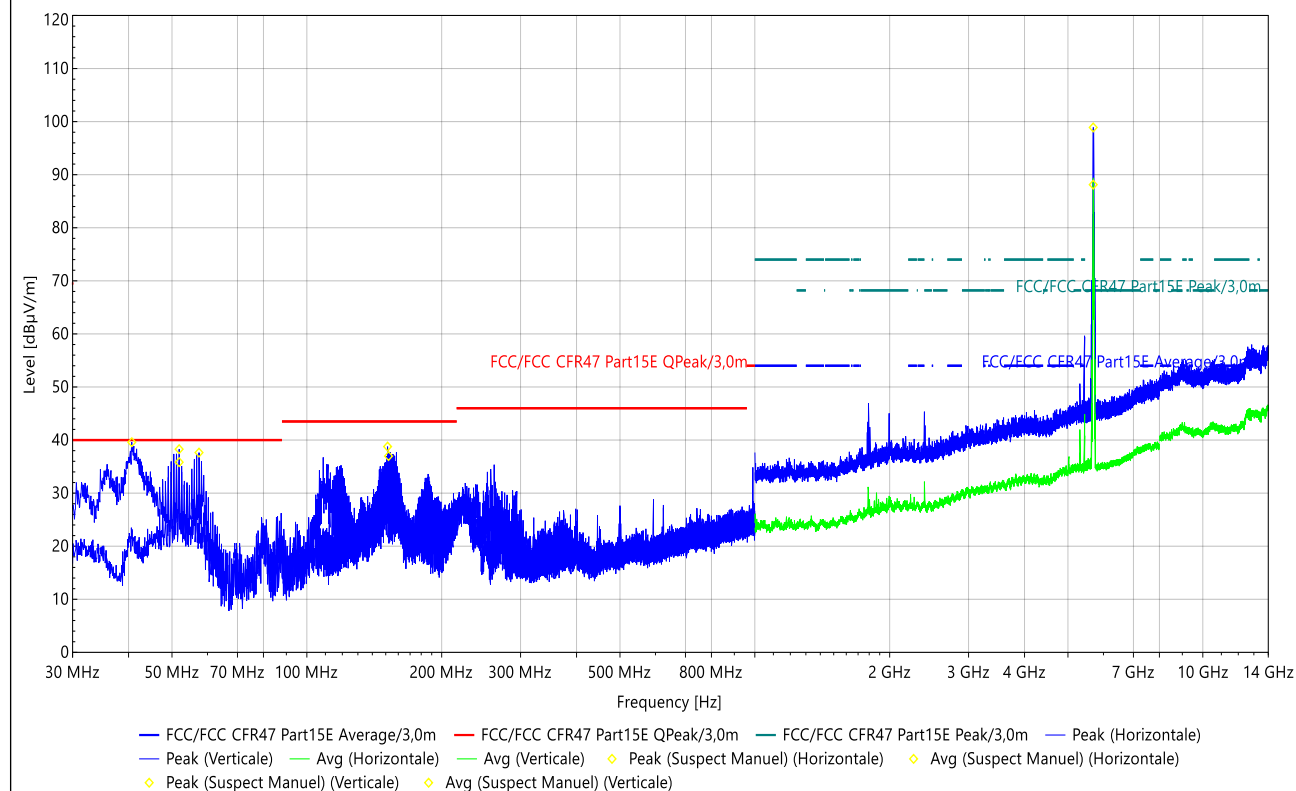
*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

Radiated Emissions

Graph name: Emr#22
Frequency range: 30 MHz to 14 GHz

(H+V) - C9 - TX mode - Automatic Axis



Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
51.8735 MHz	35.83			40.00	156	H	-14.75
152.1715 MHz	36.98			43.50	314	H	-2.04
5.693133 GHz*	98.90	68.20	88.12		297	V	-18.13
40.67 MHz	39.59			40.00	0	V	-10.06
51.8735 MHz	38.28			40.00	300	V	-14.75
57.451 MHz	37.64			40.00	269	V	-15.93
151.444 MHz	38.77			43.50	195	V	-2.01

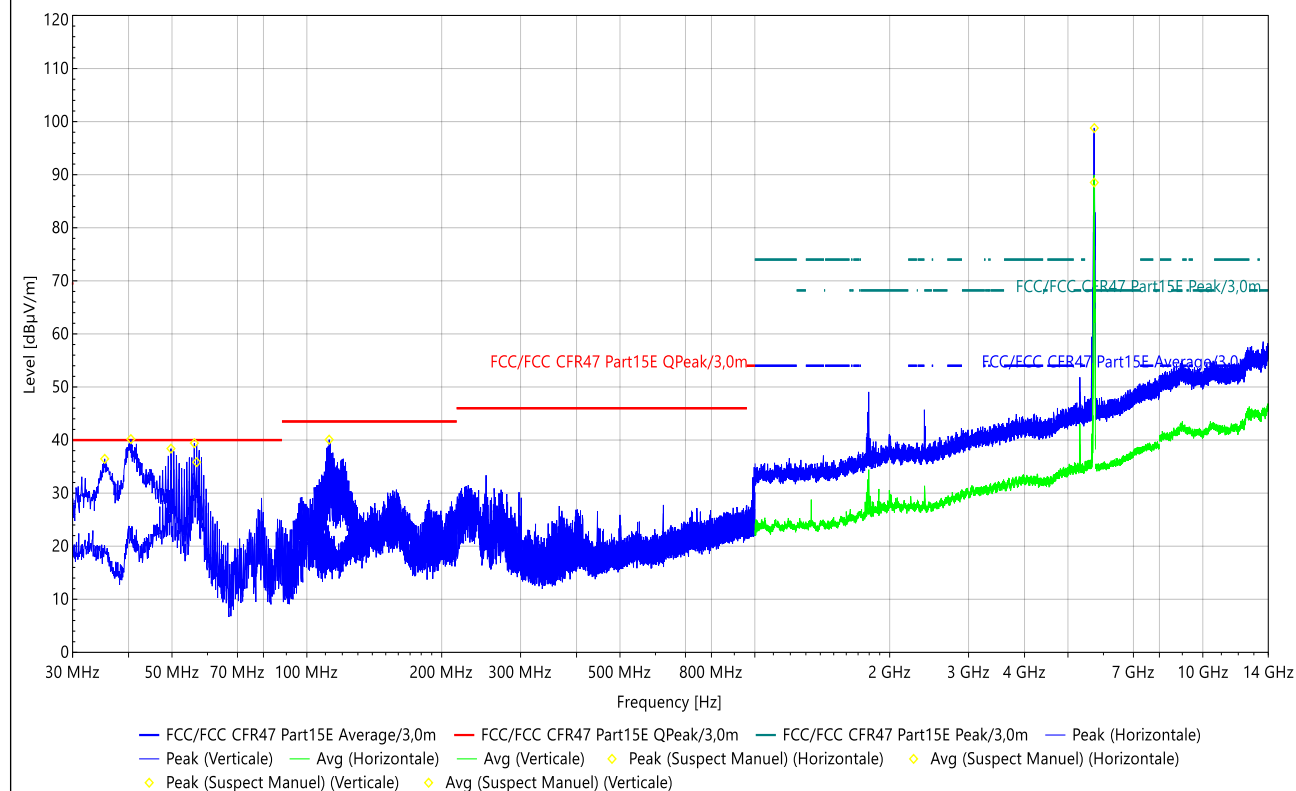
*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

Radiated Emissions

Graph name: Emr#23
Frequency range: 30 MHz to 14 GHz

(H+V) - C10 - TX mode - Automatic Axis



Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
56.772 MHz	35.83			40.00	39	H	-15.85
112.159 MHz	40.08			43.50	159	H	-7.09
35.3835 MHz	36.46			40.00	261	V	-7.37
40.476 MHz	40.18			40.00	135	V	-9.96
49.7395 MHz	38.39			40.00	232	V	-14.05
56.093 MHz	39.42			40.00	135	V	-15.73
5.725404 GHz*	98.79	68.20	88.53		296	V	-18.07

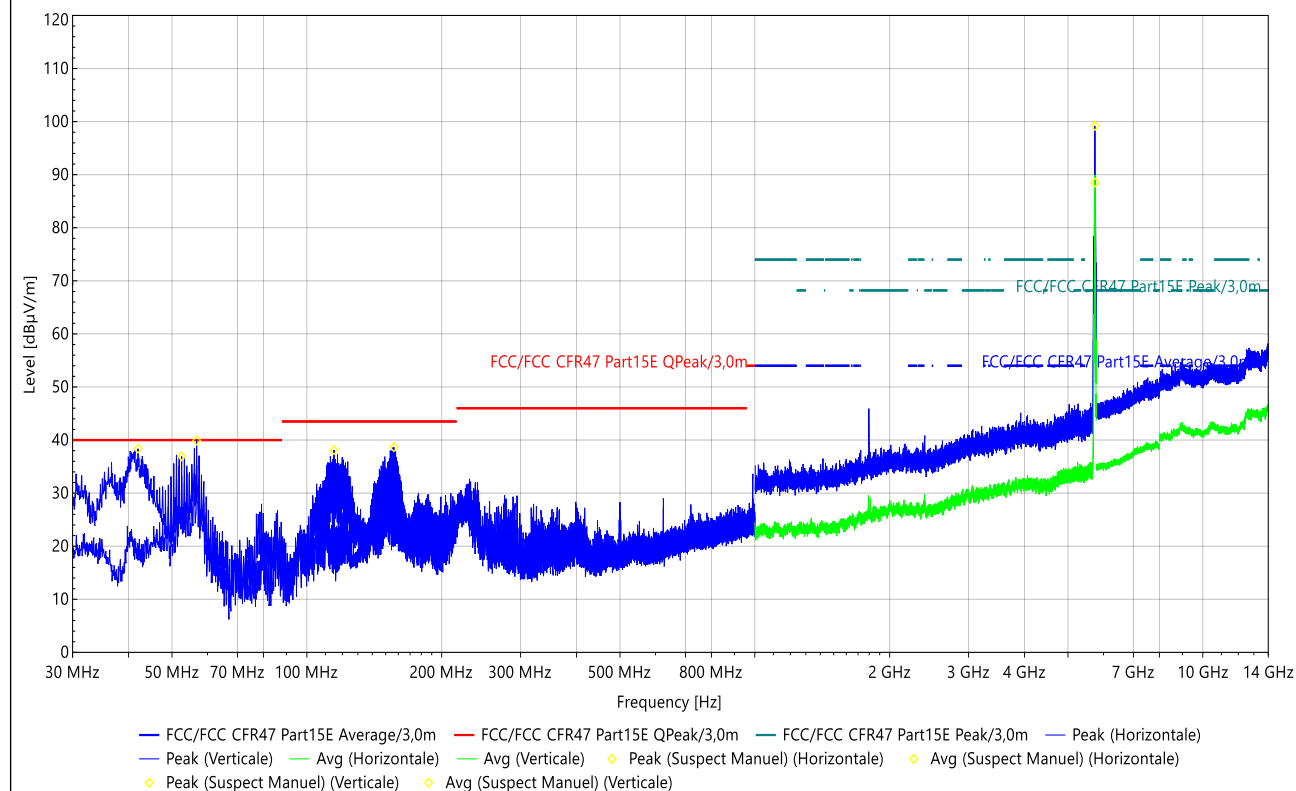
*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

Radiated Emissions

Graph name: Emr#24
Frequency range: 30 MHz to 14 GHz

(H+V) - C11 - TX mode - Automatic Axis

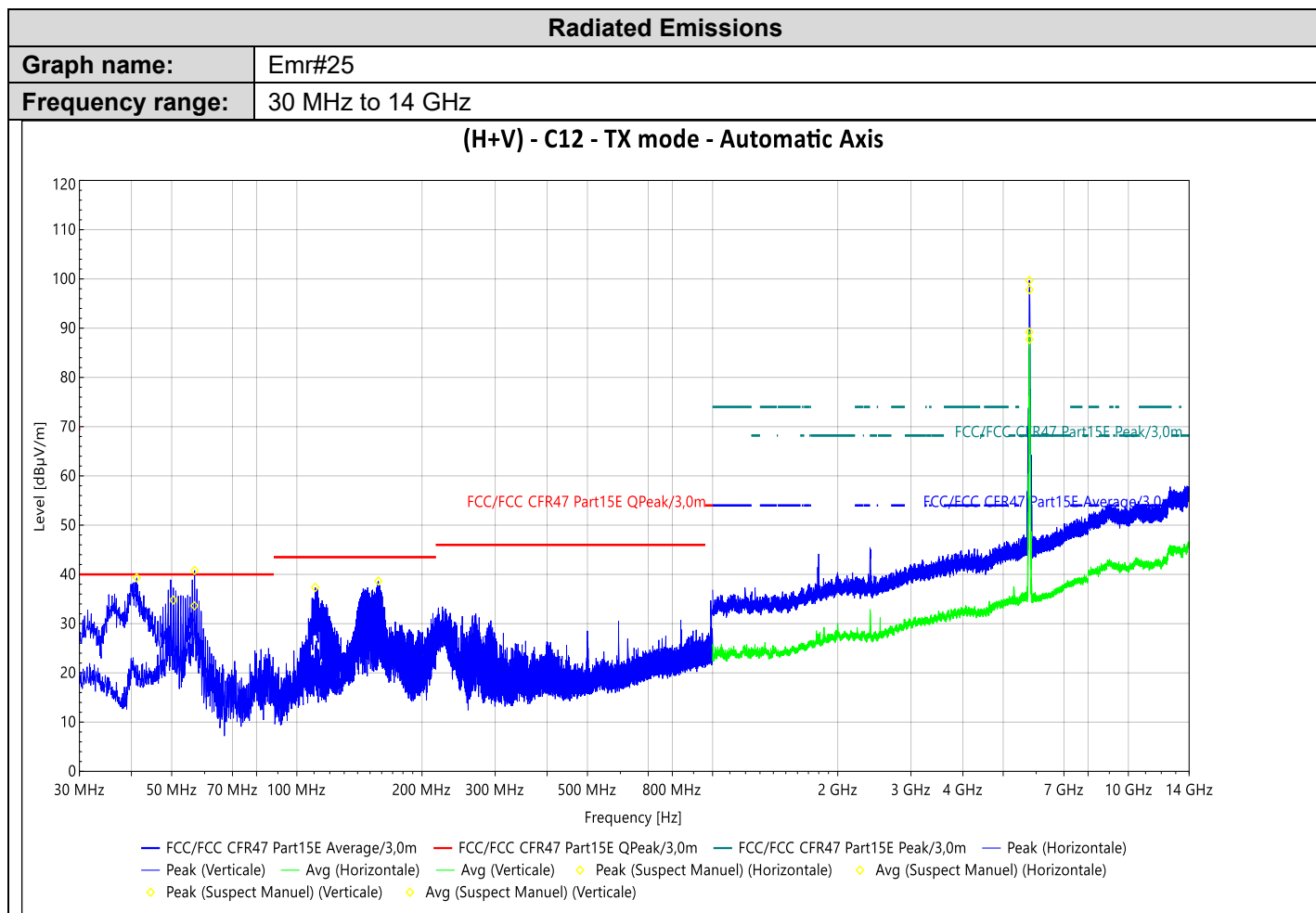


Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
52.5525 MHz	36.93				40.00	192	H	-14.96
114.972 MHz	38.12				43.50	172	H	-6.58
5.74393 GHz	99.18	68.20	88.52			297	V	-18.08
41.9795 MHz	38.38				40.00	60	V	-10.71
56.772 MHz	39.90				40.00	291	V	-15.85
156.391 MHz	38.67				43.50	12	V	-2.46

*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)



Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
5.78405 GHz	97.81	68.20	87.72		151	H	-18.10
50.467 MHz	34.79			40.00	187	H	-14.31
56.7235 MHz	33.64			40.00	98	H	-15.84
110.7525 MHz	37.35			43.50	8	H	-7.42
5.7779 GHz	99.72	68.20	89.21		281	V	-18.10
41.2035 MHz	39.31			40.00	60	V	-10.33
56.772 MHz	40.82			40.00	263	V	-15.85
157.07 MHz	38.64			43.50	15	V	-2.59

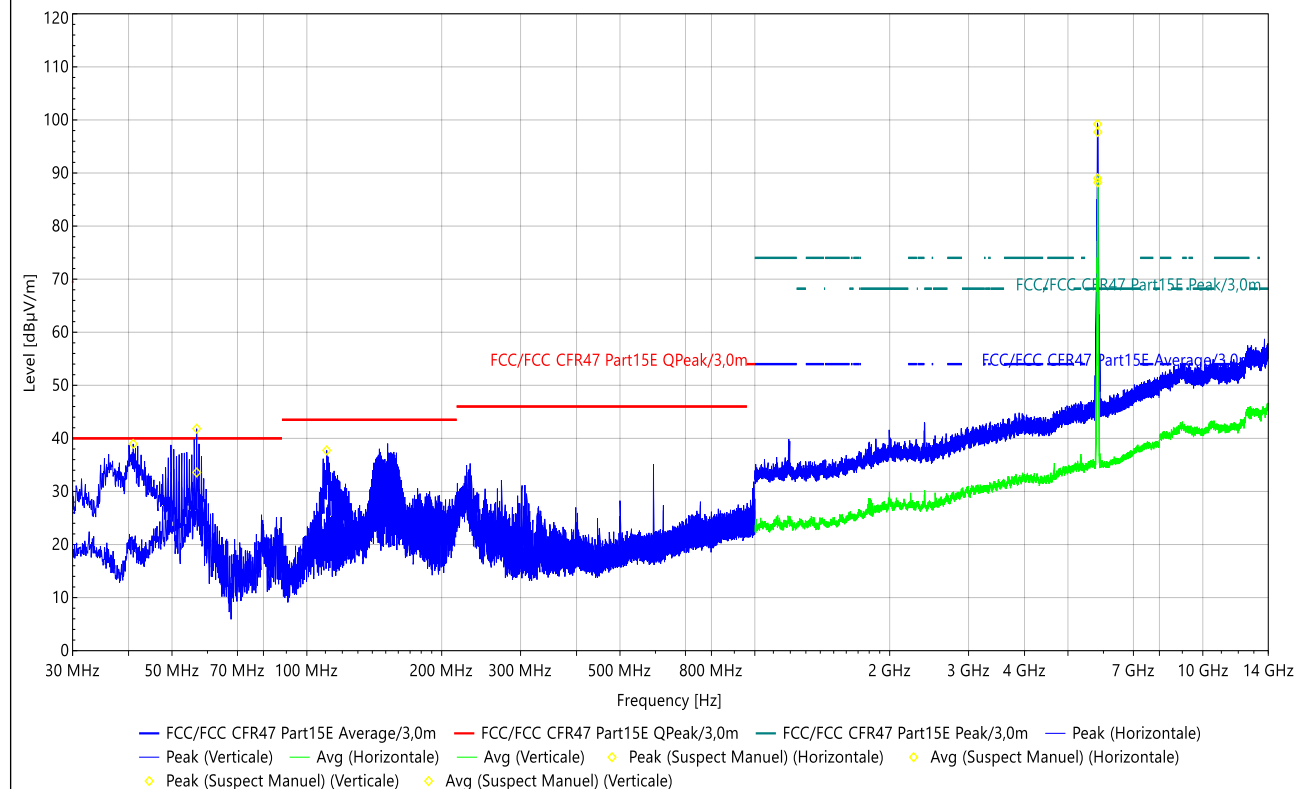
*Carrier frequency

No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)

Radiated Emissions

Graph name: Emr#26
Frequency range: 30 MHz to 14 GHz

(H+V) - C13 - TX mode - Automatic Axis



Pre-Characterization:

Frequency	PK Level (dBμV/m)	Lim.PK (dBμV/m)	Avg (dBμV/m)	Lim.QP (dBμV/m)	Angle (°)	Polar.	Correct. (dB)
5.827816 GHz	97.71	68.20	88.22		132	H	-18.10
56.772 MHz	33.58			40.00	241	H	-15.85
110.7525 MHz	37.74			43.50	354	H	-7.42
5.82176 GHz	99.22	68.20	89.01		296	V	-18.11
40.961 MHz	38.96			40.00	47	V	-10.21
56.772 MHz	41.83			40.00	264	V	-15.85

*Carrier frequency

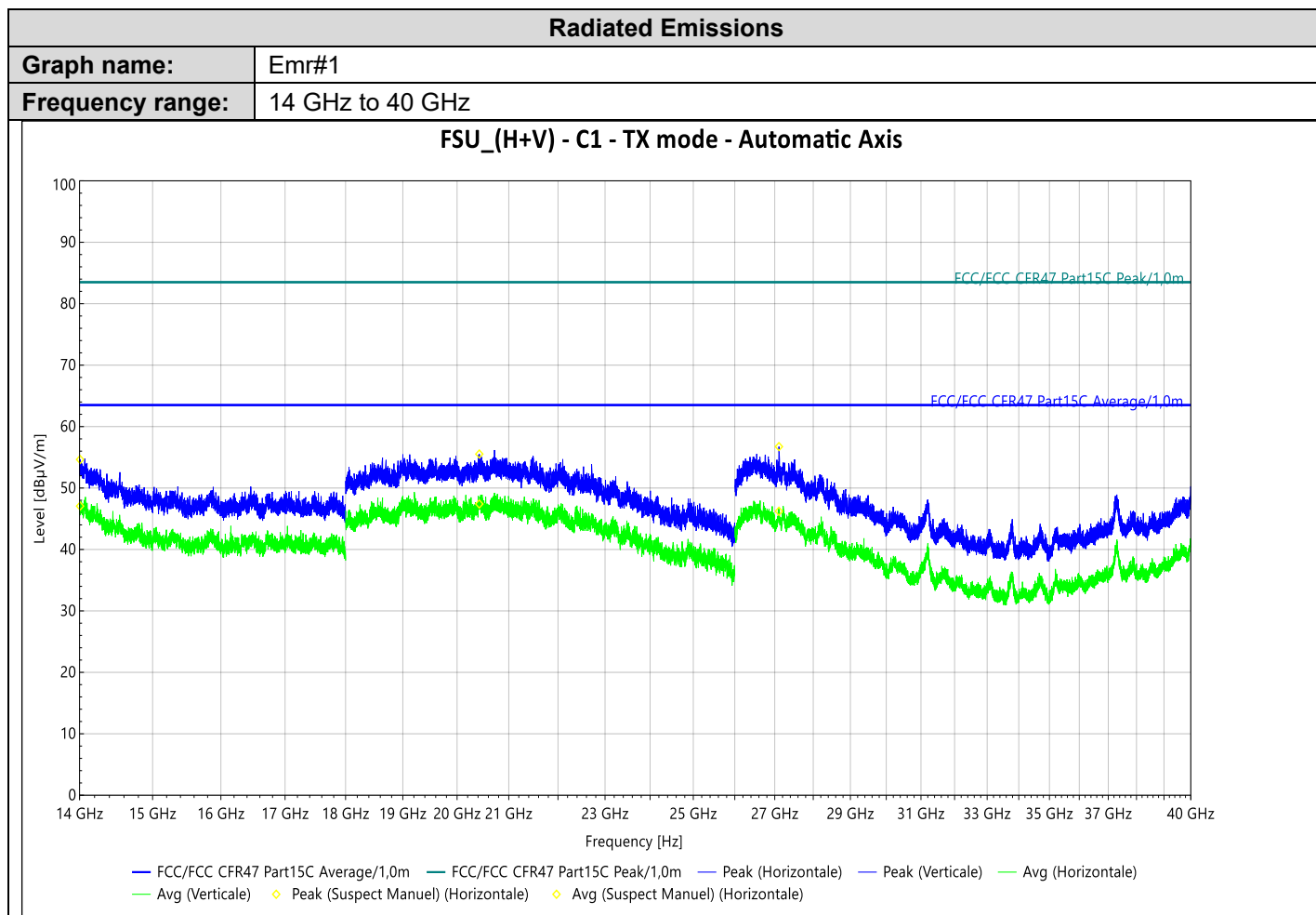
No significant frequency observed, the NSA margin >6dB (1GHz to 12.75 GHz)



8.6.2. 14GHz to 25GHz

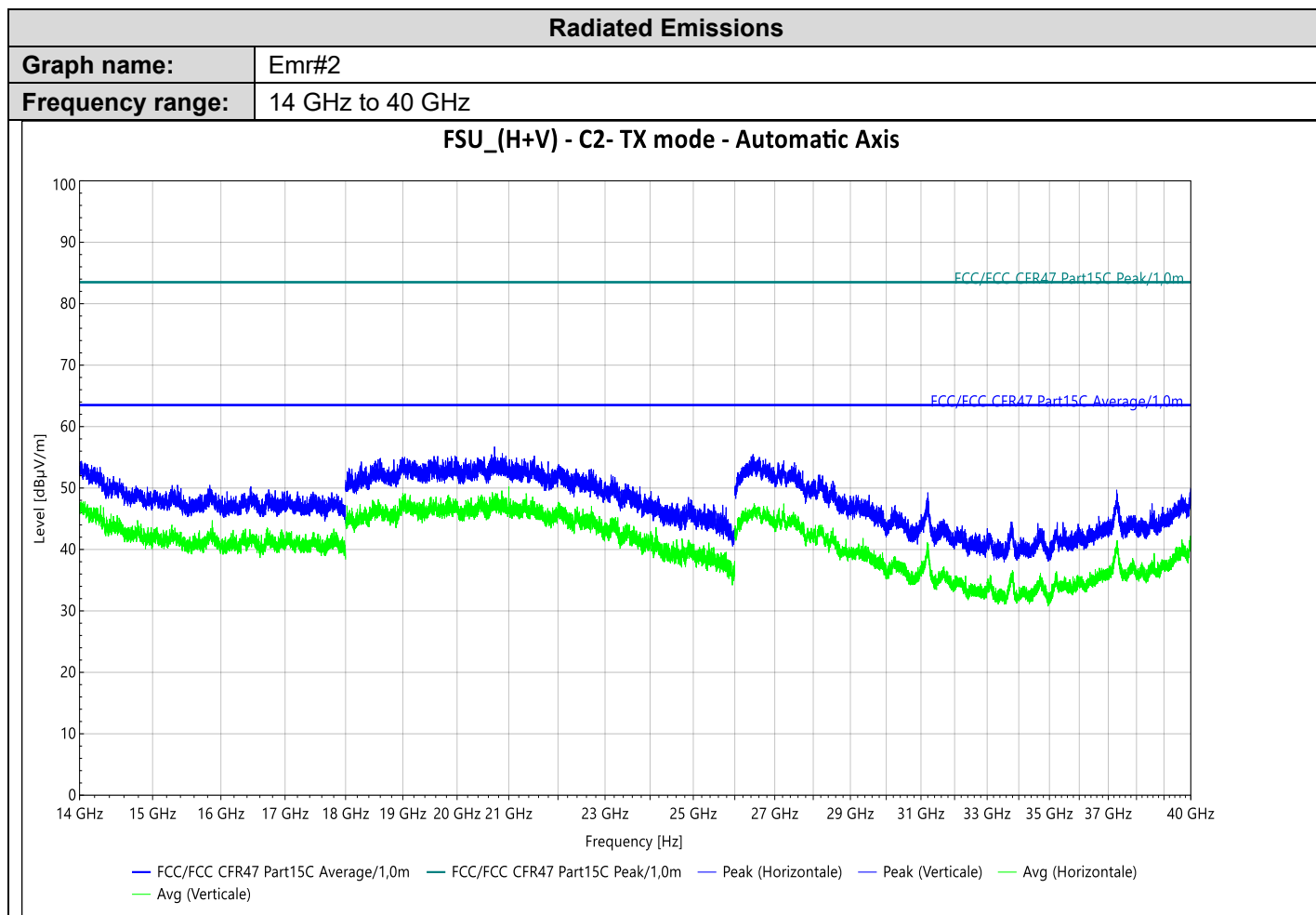
Graphs – Pre characterization:

Graph identifier		Polarization	Mode	Channel	EUT position	Comments
Emr#	1	H/V	TX	C1	Axis XY/Z	
Emr#	2	H/V	TX	C2	Axis XY/Z	
Emr#	3	H/V	TX	C3	Axis XY/Z	
Emr#	4	H/V	TX	C4	Axis XY/Z	
Emr#	5	H/V	TX	C5	Axis XY/Z	
Emr#	6	H/V	TX	C6	Axis XY/Z	
Emr#	7	H/V	TX	C7	Axis XY/Z	
Emr#	8	H/V	TX	C8	Axis XY/Z	
Emr#	9	H/V	TX	C9	Axis XY/Z	
Emr#	10	H/V	TX	C10	Axis XY/Z	
Emr#	11	H/V	TX	C11	Axis XY/Z	
Emr#	12	H/V	TX	C12	Axis XY/Z	
Emr#	13	H/V	TX	C13	Axis XY/Z	



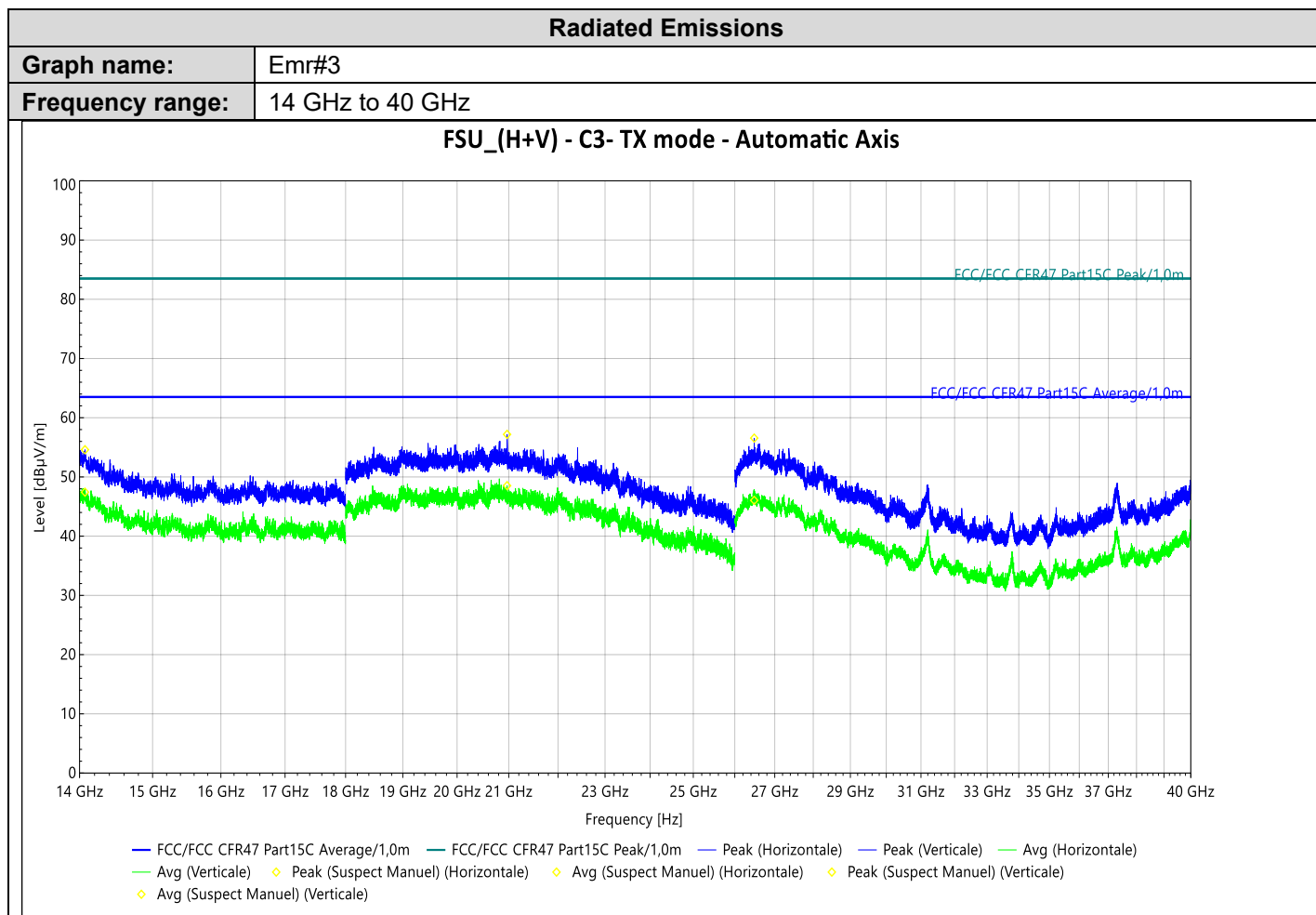
Pre-Characterization:

Source	Frequency	SR #	Peak (dBµV/m)	Lim.Peak (dBµV/m)	Avg (dBµV/m)	Lim.Avg (dBµV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	14,007 GHz	1	54,635	83,5	47,064	63,5	93	Horizontale	3,587
Suspect Manuel	20,424 GHz	2	55,526	83,5	47,396	63,5	2	Horizontale	1,284
Suspect Manuel	27,106 GHz	3	56,737	83,5	46,218	63,5	324	Horizontale	8,477



Pre-Characterization:

Source	Frequency	SR #



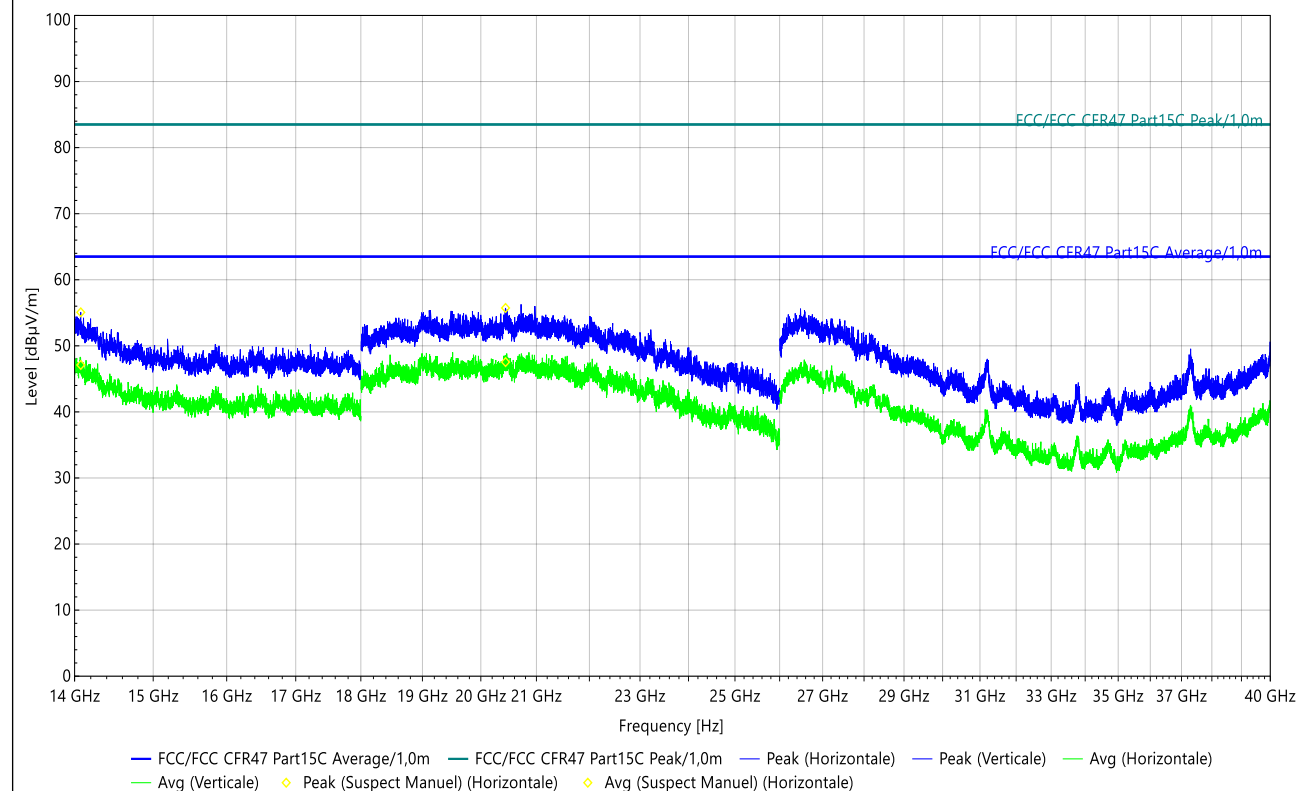
Pre-Characterization:

Source	Frequency	SR #	Peak (dBµV/m)	Lim.Peak (dBµV/m)	Avg (dBµV/m)	Lim.Avg (dBµV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	26,48125 GHz	3	56,565	83,5	46,041	63,5	70	Horizontale	8,091
Suspect Manuel	20,967 GHz	4	57,192	83,5	48,524	63,5	224	Verticale	0,688
Suspect Manuel	14,072 GHz	5	54,599	83,5	47,431	63,5	341	Verticale	3,171

Radiated Emissions

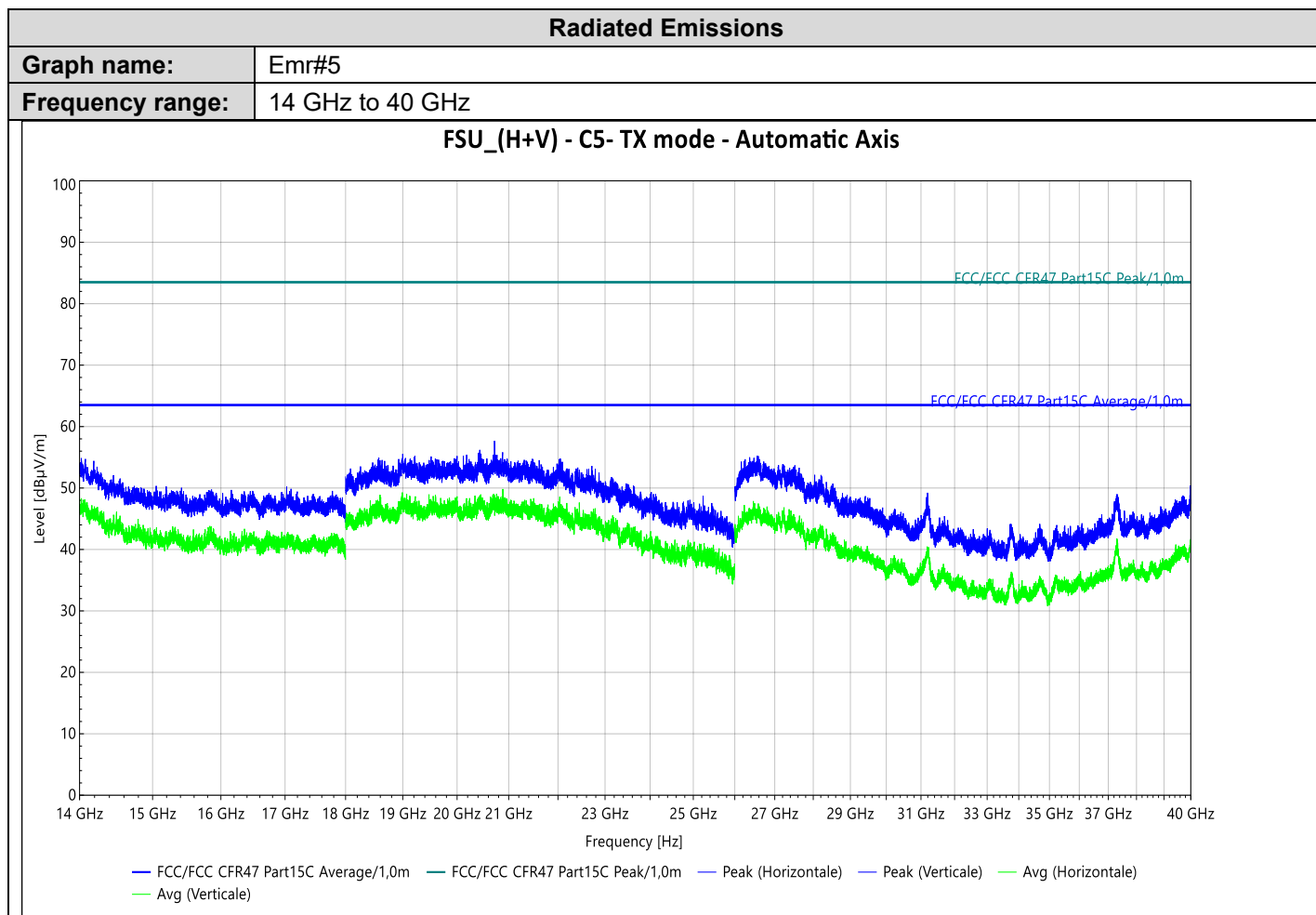
Graph name: Emr#4
Frequency range: 14 GHz to 40 GHz

FSU_(H+V) - C4- TX mode - Automatic Axis

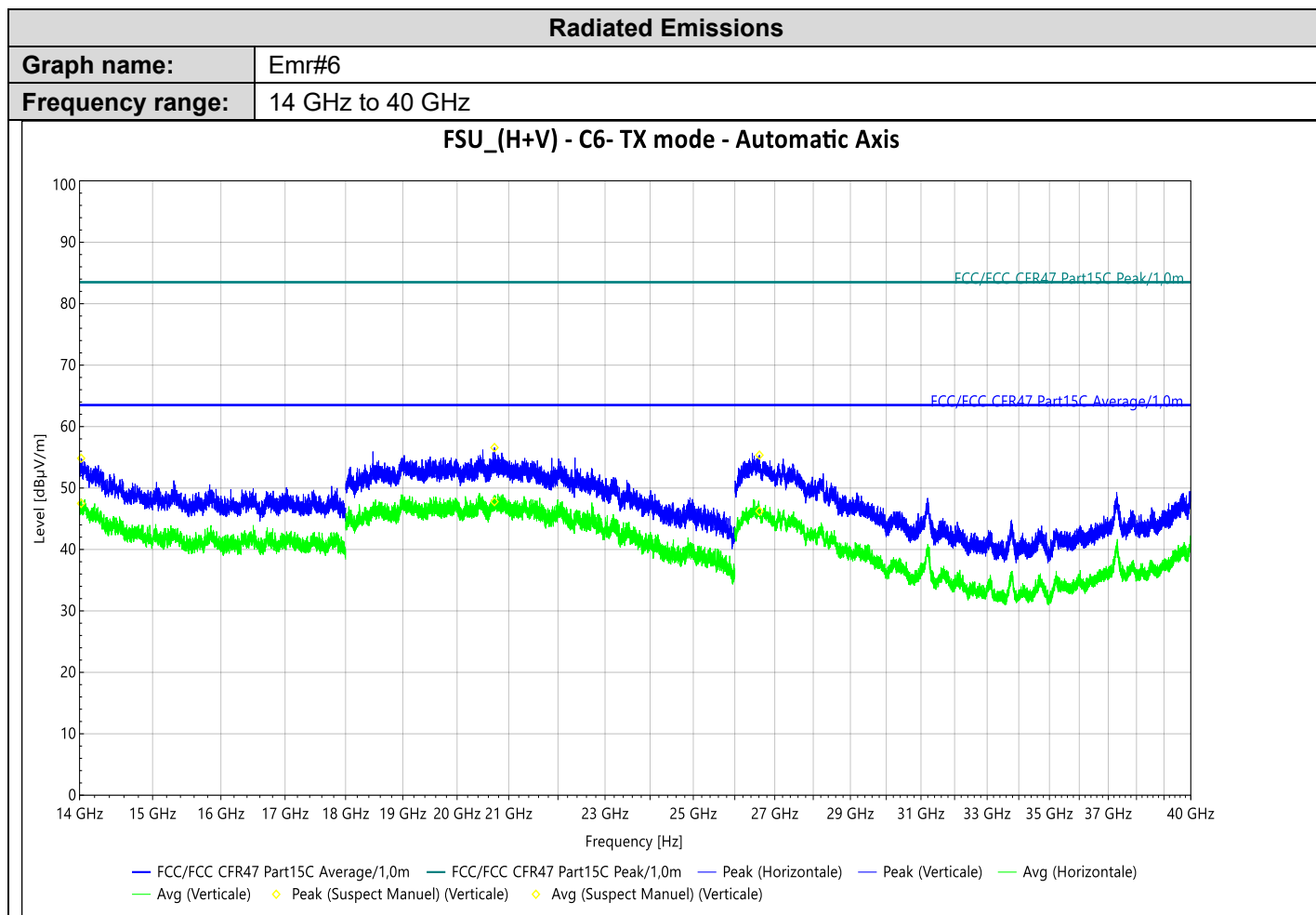


Pre-Characterization:

Source	Frequency	SR #	Peak (dBμV/m)	Lim.Peak (dBμV/m)	Avg (dBμV/m)	Lim.Avg (dBμV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	14,076 GHz	1	55,074	83,5	47,105	63,5	95	Horizontale	3,141
Suspect Manuel	20,439 GHz	2	55,727	83,5	47,537	63,5	191	Horizontale	1,244

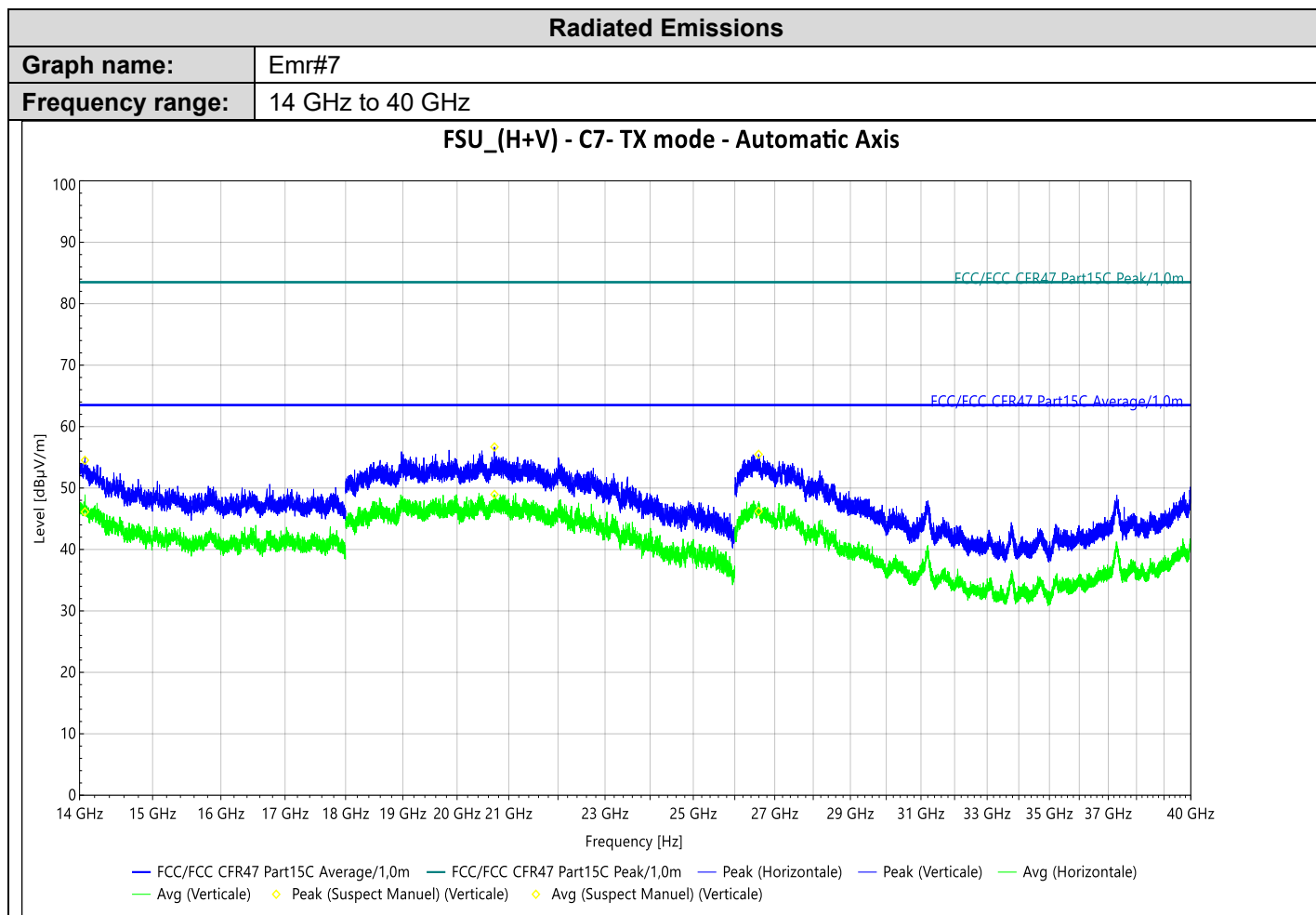


Pre-Characterization:		
Source	Frequency	SR #



Pre-Characterization:

Source	Frequency	SR #	Peak (dBµV/m)	Lim.Peak (dBµV/m)	Avg (dBµV/m)	Lim.Avg (dBµV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	20,719 GHz	4	56,595	83,5	47,79	63,5	85	Verticale	0,175
Suspect Manuel	14,021 GHz	5	54,838	83,5	47,487	63,5	205	Verticale	3,505
Suspect Manuel	26,6125 GHz	6	55,357	83,5	46,21	63,5	243	Verticale	8,442



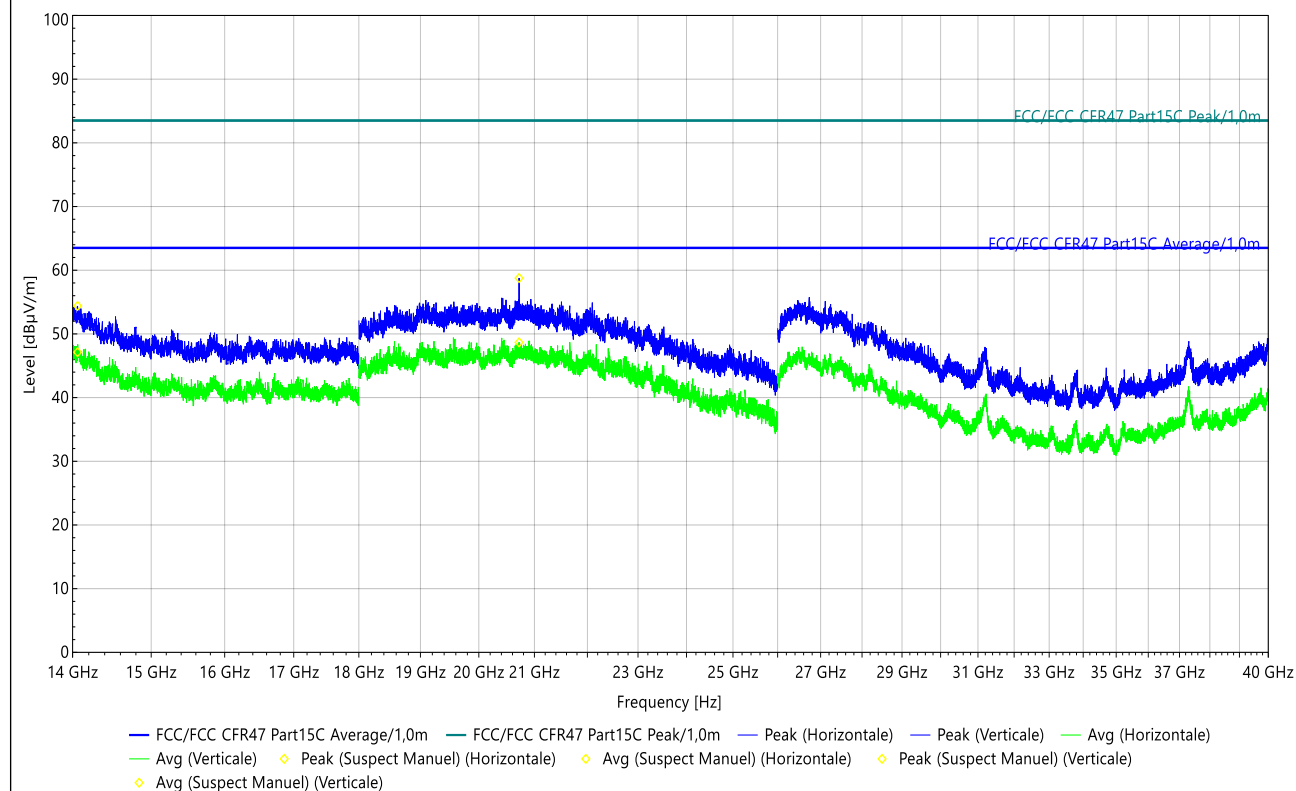
Pre-Characterization:

Source	Frequency	SR #	Peak (dBμV/m)	Lim.Peak (dBμV/m)	Avg (dBμV/m)	Lim.Avg (dBμV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	20,719 GHz	4	56,684	83,5	48,958	63,5	87	Verticale	0,175
Suspect Manuel	14,071 GHz	5	54,518	83,5	46,118	63,5	193	Verticale	3,179
Suspect Manuel	26,5915 GHz	6	55,479	83,5	46,201	63,5	45	Verticale	8,464

Radiated Emissions

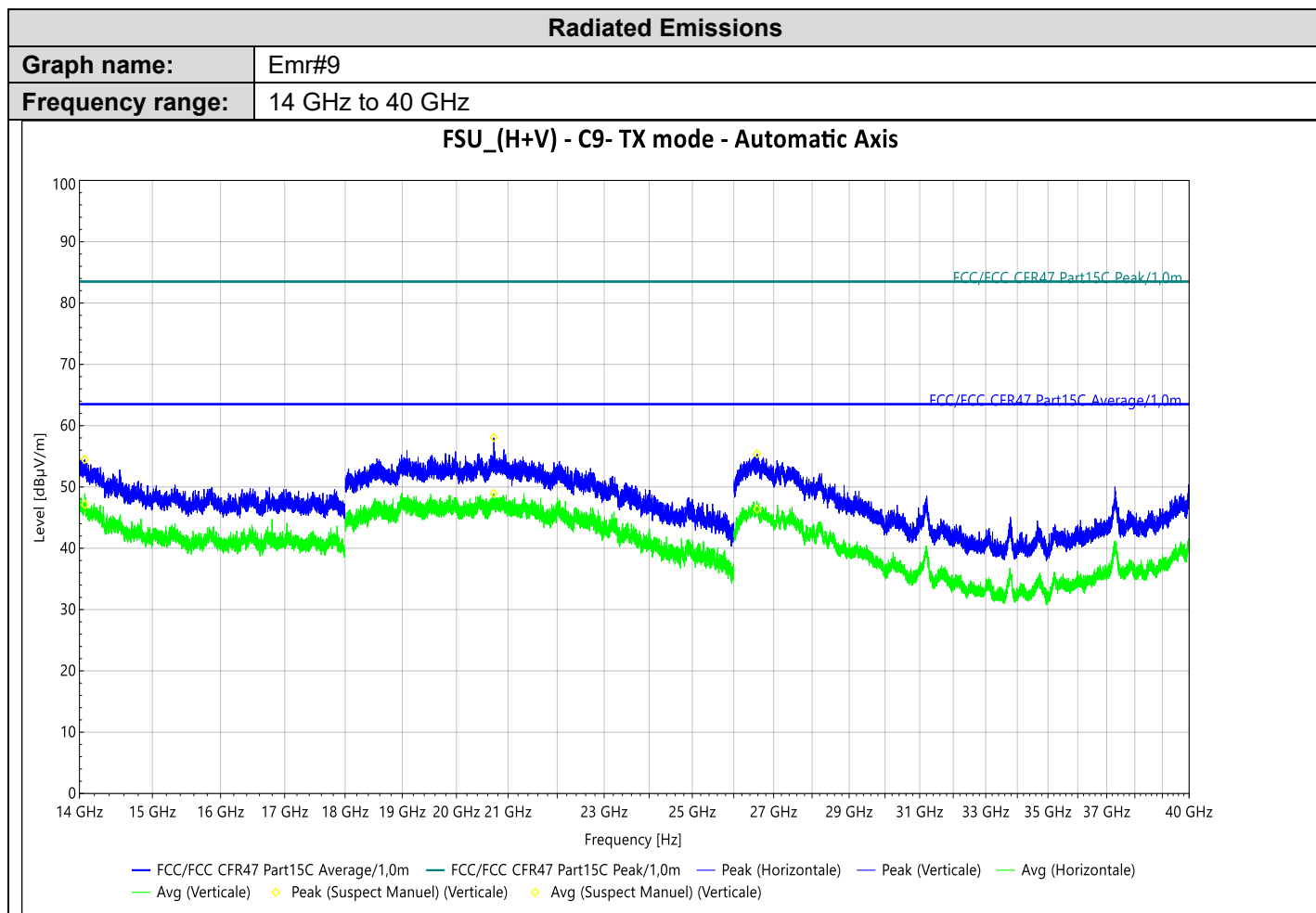
Graph name: Emr#8
Frequency range: 14 GHz to 40 GHz

FSU_(H+V) - C8- TX mode - Automatic Axis



Pre-Characterization:

Source	Frequency	SR #	Peak (dBμV/m)	Lim.Peak (dBμV/m)	Avg (dBμV/m)	Lim.Avg (dBμV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	14,061 GHz	1	54,387	83,5	47,121	63,5	114	Horizontale	3,253
Suspect Manuel	20,719 GHz	4	58,775	83,5	48,671	63,5	167	Verticale	0,175



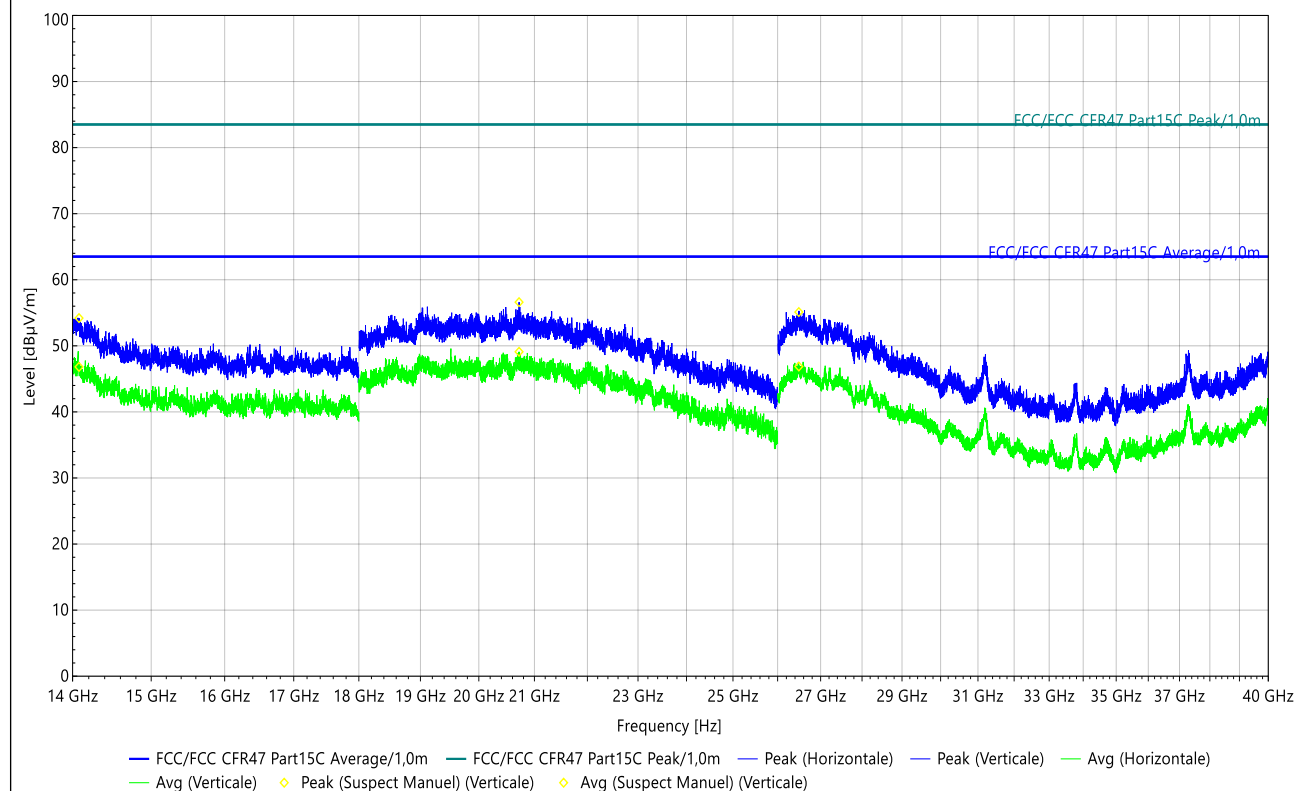
Pre-Characterization:

Source	Frequency	SR #	Peak (dBμV/m)	Lim.Peak (dBμV/m)	Avg (dBμV/m)	Lim.Avg (dBμV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	20,719 GHz	4	58,048	83,5	48,963	63,5	84	Verticale	0,175
Suspect Manuel	14,071 GHz	5	54,487	83,5	47,122	63,5	0	Verticale	3,179
Suspect Manuel	26,5775 GHz	6	55,406	83,5	46,377	63,5	283	Verticale	8,44

Radiated Emissions

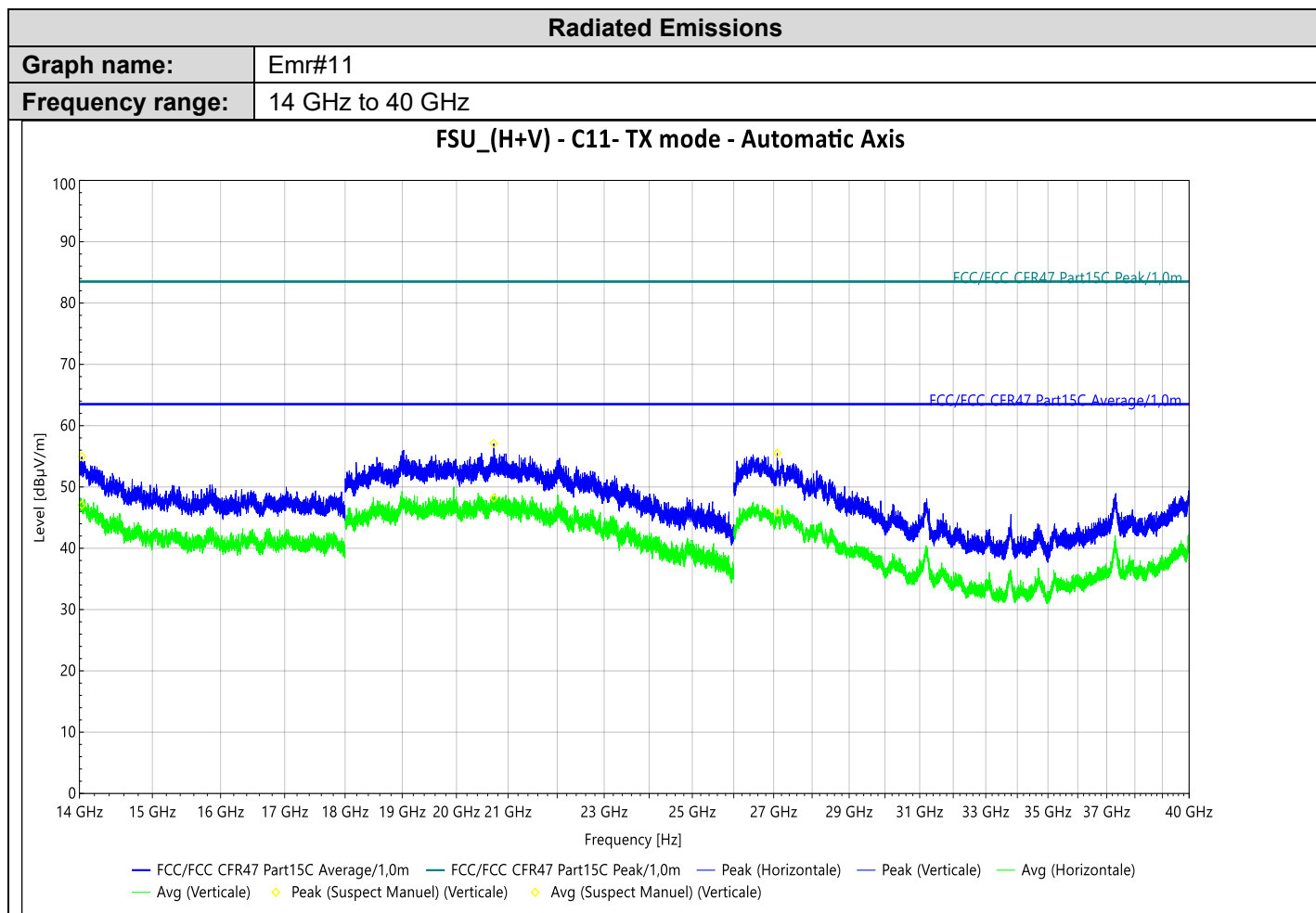
Graph name: Emr#10
Frequency range: 14 GHz to 40 GHz

FSU_(H+V) - C10- TX mode - Automatic Axis



Pre-Characterization:

Source	Frequency	SR #	Peak (dBμV/m)	Lim.Peak (dBμV/m)	Avg (dBμV/m)	Lim.Avg (dBμV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	20,719 GHz	4	56,614	83,5	49,101	63,5	167	Verticale	0,175
Suspect Manuel	14,079 GHz	5	54,204	83,5	46,806	63,5	0	Verticale	3,119
Suspect Manuel	26,48825 GHz	6	55,109	83,5	46,872	63,5	272	Verticale	8,168



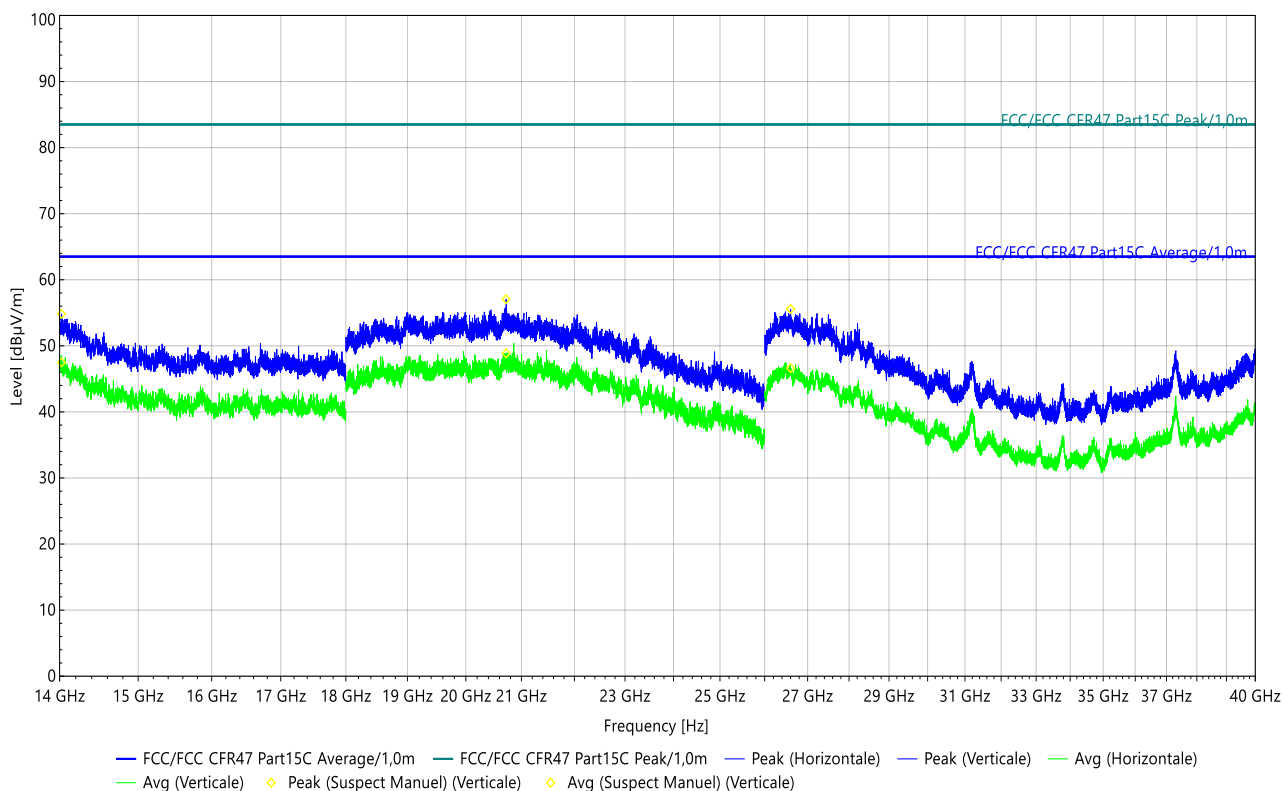
Pre-Characterization:

Source	Frequency	SR #	Peak (dBµV/m)	Lim.Peak (dBµV/m)	Avg (dBµV/m)	Lim.Avg (dBµV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	20,719 GHz	4	57,1	83,5	48,214	63,5	81	Verticale	0,175
Suspect Manuel	14,032 GHz	5	54,954	83,5	47,058	63,5	218	Verticale	3,44
Suspect Manuel	27,092 GHz	6	55,53	83,5	45,916	63,5	278	Verticale	8,346

Radiated Emissions

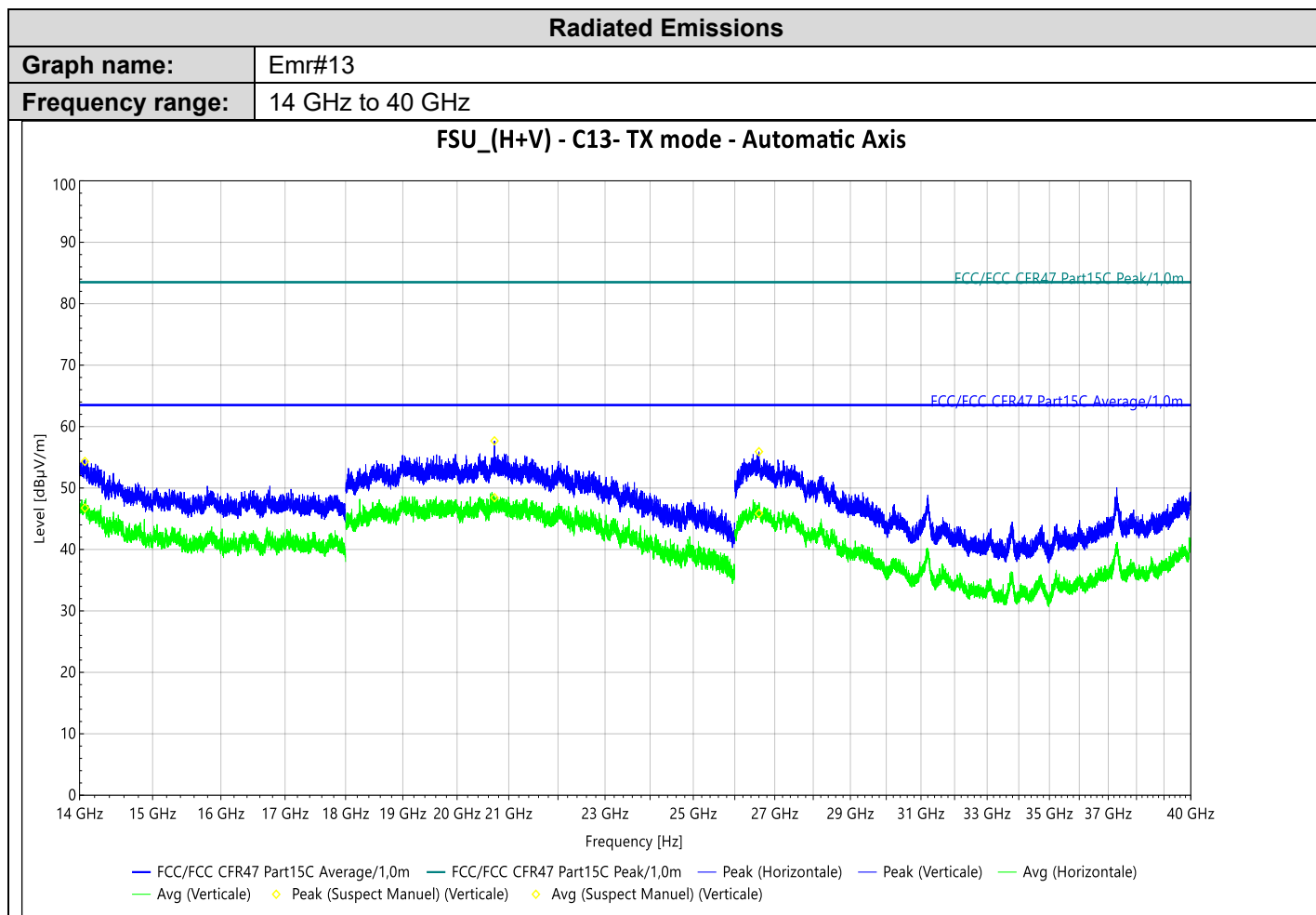
Graph name: Emr#12
Frequency range: 14 GHz to 40 GHz

FSU_(H+V) - C12- TX mode - Automatic Axis



Pre-Characterization:

Source	Frequency	SR #	Peak (dBμV/m)	Lim.Peak (dBμV/m)	Avg (dBμV/m)	Lim.Avg (dBμV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	20,719 GHz	4	57,056	83,5	48,853	63,5	198	Verticale	0,175
Suspect Manuel	14,023 GHz	5	54,843	83,5	47,492	63,5	102	Verticale	3,493
Suspect Manuel	26,60025 GHz	6	55,578	83,5	46,631	63,5	121	Verticale	8,477



Pre-Characterization:

Source	Frequency	SR #	Peak (dBµV/m)	Lim.Peak (dBµV/m)	Avg (dBµV/m)	Lim.Avg (dBµV/m)	Angle1 (°)	Polarisation	Correction (dB)
Suspect Manuel	20,719 GHz	4	57,683	83,5	48,429	63,5	161	Verticale	0,175
Suspect Manuel	14,071 GHz	5	54,329	83,5	46,748	63,5	177	Verticale	3,179
Suspect Manuel	26,60025 GHz	6	55,923	83,5	45,847	63,5	200	Verticale	8,477

Final measurement:

Test Frequency (MHz)	Meter Reading dB(μ V)	Detector (Pk/QP/Av)	Transducer Factor (dB)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)
39.021	24.0	QP	14.0	38.0	40.0	-2.0
41.2035	23.7	QP	13.8	37.5	40.0	-2.5
38.9725	22.6	QP	14.0	36.6	40.0	-3.4
44.8895	21.8	QP	13.2	35.0	40.0	-5.0
41.155	24.6	QP	13.8	38.4	40.0	-1.6
36.693	23.3	QP	14.1	37.4	40.0	-2.6
39.5545	24.2	QP	14.0	38.2	40.0	-1.8
41.4945	22.5	QP	13.8	36.3	40.0	-3.7
40.6215	23.4	QP	13.9	37.3	40.0	-2.7
40.4760	24.0	QP	13.9	37.9	40.0	-2.1
64.9685	22.2	QP	7.9	30.1	40.0	-9.9
35.9170	24.2	QP	14.2	38.4	40.0	-1.6
38.7785	23.1	QP	14.0	37.1	40.0	-2.9
40.3305	23.3	QP	13.9	37.2	40.0	-2.8
56.0445	23.7	QP	10.4	34.1	40.0	-5.9
112.7895	24.3	QP	12.7	37.0	43.5	-6.5
31.9885	23.0	QP	13.9	36.9	40.0	-3.1
60.2155	23.6	QP	9.1	32.7	40.0	-7.3
150.668	23.4	QP	18.9	42.3	43.5	-1.2
183.5995	23.9	QP	16.3	40.2	43.5	-3.3
58.8575	23.2	QP	9.5	32.7	40.0	-7.3
141.5985	22.8	QP	17.5	40.3	43.5	-3.2